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Bowdoin College Bulletin

Number 98 December, 1919

Annual Catalogue

1919-1920

Brunswick, Maine

Annual Catalogue

of

Bowdoin College

1919-1920

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Calendar

BOWDOIN COLLEGE

1919

September 25 . First Semester began—Thursday, 8.20 A. M.

Thanksgiving recess from 12.30 P. M. *November* 26 *to* 8.20 A. M. *December* 1.

Vacation from 4.30 P. M. *December* 23 *to* 8.20 A. M. *January* 6, 1920.

1920

January 22 . . Class of 1868 Prize Speaking.

Jan. 29-Feb. 7 . Examinations of the First Semester.

February 9 . . Second Semester begins—Monday, 8.20 A. M.

February 22 . . Washington's Birthday.

Vacation from 4.30 P. M. *March* 26 *to* 8.20 A. M. *April* 6.

April 19 . . . Patriots' Day.

May 30 . . . Memorial Day.

June 4 . . . . Ivy Day.

June 10-12 . . Entrance Examinations at Preparatory Schools and at the College.

June 10-19 . . Examinations of the Second Semester.

June 20 . . . The Baccalaureate Sermon, 5 P. M.

June 21 . . . Alexander Prize Speaking.

June 22 . . . Class Day.
Meeting of the Trustees and Overseers.

June 23 . . . Annual Meeting of the Phi Beta Kappa, Alpha of Maine.
Annual Meeting of the Alumni Association.
The President's Reception.

June 24 . . . The Commencement Exercises.
The Commencement Dinner.

Summer vacation of Thirteen Weeks.

September 20-22 Entrance Examinations at the College.

September 23 . First Semester begins—Thursday, 8.20 A. M.

Thanksgiving recess from 12.30 P. M. *November* 24 *to* 8.20 A. M. *November* 29.

Vacation from 12.30 P. M. *December* 23 *to* 8.20 A. M. *January* 4, 1921.

1921

Jan. 27-Feb. 5 . Examinations of the First Semester.

February 7 . . Second Semester begins—Monday, 8.20 A. M.

Vacation from 4.30 P. M. *March* 25 *to* 8.20 A. M. *April* 5.

BOWDOIN MEDICAL SCHOOL

1919

October 9 . . . One hundredth annual course began.
Entrance Examinations for First Year Students, in Brunswick.

October 10-11 . Re-examinations, deferred Examinations, and Examinations for Advanced Standing.

Thanksgiving recess from 1 P. M. *November* 26 *to* 8 A. M. *December* 1.

Vacation from 1 P. M. *December* 20 *to* 8 A. M. *January* 5, 1920.

1920

February 22 . . Washington's Birthday.

Vacation from 6 P. M. *March* 26 *to* 8 A. M. *April* 6.

April 19 . . . Patriots' Day.

May 30 . . . Memorial Day.

June 2-16 . . . Examinations.

June 24 . . . Commencement Exercises.

Summer Vacation of Fifteen Weeks.

Office Hours

The President will usually be at Massachusetts Hall from 10.30 to 11.00 daily except Saturday.

The Dean, Massachusetts Hall; 12.30 to 1.00, 2.00 to 3.00 daily except Monday and Saturday. The office is open every afternoon except Saturday from 2.00 to 5.00.

The Treasurer, Massachusetts Hall; 9.00 to 12.00, 2.00 to 4.00 daily except Saturday; 9.00 to 12.00 Saturday.

BOWDOIN COLLEGE

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794. The legal designation of the Corporation is The President and Trustees of Bowdoin College.

The College was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was subsequently for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Honorable James Bowdoin, son of the Governor. He was graduated from Har-

vard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain and Associate Minister at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his lifetime he gave land, money, and apparatus to the College, and at his death made it by will his residuary legatee.

Circumstances delayed the opening of the College for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The government of the College is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was established by the first legislature of the new State of Maine and made a department of Bowdoin College.

The academical, medical, and honorary graduates number together six thousand five hundred and seventy-four; and nearly half as many more have studied here without taking degrees. The living graduates number about two thousand eight hundred and eighty-seven.

REGISTER

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PHILIP GREELY CLIFFORD, A.B., *Portland.*
HENRY SMITH CHAPMAN, A.B., *Boston, Mass.*
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JAMES LOUIS DOHERTY, A.B., *Springfield, Mass.*
JOHN WILLIAM MANSON, A.M., LL.B., *Pittsfield.*

THOMAS HARRISON RILEY, A.B., Secretary, *Brunswick.*

Committees of the Boards

VISITING

Messrs. Cole, Cobb, Clifford, Dana, and Young

EXAMINING

Messrs. L. A. Emery, Johnson, H. S. Chapman, Cary, and Fisher

FINANCE

Messrs. Stanwood, E. U. Curtis, Conant, and Gibson

HONORARY DEGREES

The President of the Board of Overseers (*ex officio*), and Messrs. Payson, Appleton, W. J. Curtis, W. M. Emery, Minot, and Mitchell

VACANCIES IN THE COLLEGE

Messrs. L. A. Emery, Appleton, J. E. Chapman, and Burton

VACANCIES IN THE MEDICAL SCHOOL

Messrs. Payson, E. U. Curtis, Waterman, and C. L. Baxter

ART INTERESTS

Messrs. L. A. Emery and J. P. Baxter, with Professor Burnett from the Faculty

GROUNDS AND BUILDINGS

The Treasurer, with Professors Hutchins and Mitchell from the Faculty

INFIRMARY

The President and Mr. Dana, with the College Physician and Professors Hutchins and Cram from the Faculty

OFFICERS OF INSTRUCTION AND GOVERNMENT

KENNETH CHARLES MORTON SILLS, LL.D., *President. Winkley Professor of the Latin Language and Literature.* *85 Federal Street.

———— ———— ————, *Professor of Mental and Moral Philosophy.*

FREDERIC HENRY GERRISH, M.D., LL.D., *Professor Emeritus of Surgery.* 675 Congress Street, Portland.

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ADDISON SANFORD THAYER, A.B., M.D., *Professor of Medicine, and Dean of the Medical Faculty.* 10 Deering Street, Portland.

WILLIAM ALBION MOODY, A.M., *Wing Professor of Mathematics.* 60 Federal Street.

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JAMES EDWARD KEATING, A.B., M.D., *Professor of Clinical Medicine.* 143 Pine Street, Portland.

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology and Otology.* 180 State Street, Portland.

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training, and College Physician; Professor of Pathology and Bacteriology.* 161 Maine Street.

*The residence is in Brunswick, except as otherwise stated.

HENRY HERBERT BROCK, A.B., M.D., *Professor of Clinical Surgery.* 687 Congress Street, Portland.

GUSTAV ADOLF PUDOR, A.B., M.D., *Professor of Dermatology.* 134 Free Street, Portland.

WILLIAM HERBERT BRADFORD, A.M., M.D., *Professor of Clinical Surgery.* 208 State Street, Portland.

EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor of Obstetrics.* 51 Deering Street, Portland.

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GILMAN DAVIS, M.D., *Professor of Diseases of the Nose and Throat.* 655 Congress Street, Portland.

HENRY EDWIN ANDREWS, A.M., *Professor of Art.* [On leave of absence.]

HENRY MARSHALL SWIFT, A.B., M.D., *Professor of Neurology.* 30 Deering Street, Portland.

CHARLES THEODORE BURNETT, PH.D., *Professor of Psychology, and Director of the Museum of Fine Arts.* 232 Maine Street.

ALFRED MITCHELL, A.B., M.D., *Professor of Genito-Urinary Surgery.* 655 Congress Street, Portland.

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WALTER EATON TOBIE, M.D., *Professor of Surgery.* 3 Deering Street, Portland.

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GEORGE ROY ELLIOTT, PH.D., *Henry Leland Chapman Professor of English Literature.* 254 Maine Street.

ORREN CHALMER HORMELL, A.M., *Professor of History and Government.* [On leave of absence.]

PAUL NIXON, A.M., *Professor of Classics and History, and Dean of the College Faculty.* 183 Maine Street.

GERALD GARDNER WILDER, A.B., *Librarian.* 2 Page Street.

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DANIEL CALDWELL STANWOOD, A.M., *Professor of International Law.* 75 Federal Street.

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HARRY SMITH EMERY, A.B., M.D., *Assistant Professor of Medicine.* 721 Stevens Avenue, Portland.

RICHARD DRESSER SMALL, A.B., M.D., *Assistant Professor of Obstetrics.* 154 High Street, Portland.

WILLIAM WHEELER BOLSTER, A.B., M.D., *Assistant Professor of Physiology.* 149 College Street, Lewiston.

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ALFRED OTTO GROSS, PH.D., *Assistant Professor of Biology, Embryology, and Histology.* [On leave of absence, first semester.] 11 Boody Street.

FREDERICK STANLEY NOWLAN, A.M., *Assistant Professor of Mathematics.* 174 Maine Street.

CARL MERRILL ROBINSON, A.B., M.D., *Assistant Professor of Anatomy.* 188A State Street, Portland.

LEE DUDLEY McCLEAN, A.M., *Assistant Professor of Economics and Sociology.* 3A McLellan Street.

ALBERT WILLIS MOULTON, A.B., M.D., *Assistant Professor of Ophthalmology and Otology, and Superintendent of the Edward Mason Dispensary.* 180 State Street, Portland.

PHILIP WESTON MESERVE, A.M., *Assistant Professor of Chemistry.* 24 College Street.

THOMAS CURTIS VAN CLEVE, A.M., *Assistant Professor of History.* 234 Maine Street.

EARL CHRISTIE FOLLETT, M.D., *Assistant Professor of Pathology and Bacteriology.* 84 Federal Street.

ROLAND BANKS MOORE, M.D., *Lecturer on Diseases of Children.* 66 Deering Street, Portland.

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EDSON SELDEN CUMMINGS, M.D., *Instructor in Medicine.* 12 Pine Street, Portland.

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HAROLD JOSSELYN EVERETT, A.B., M.D., *Instructor in Obstetrics.* 5 Bramhall Street, Portland.

CLEMENT PLUMMER WESCOTT, M.D., *Instructor in Neurology.* 147 Pleasant Avenue, Portland.

CLINTON NOYES PETERS, A.B., M.D., *Instructor in Genito-Urinary Surgery.* 655 Congress Street, Portland.

HAROLD VINCENT BICKMORE, A.B., M.D., *Instructor in Pharmacology.* 123 Congress Street, Portland.

ELMER HENRY KING, A.B., M.D., *Instructor in Anatomy.* 724 Congress Street, Portland.

GEORGE ALTON TIBBETTS, A.B., M.D., *Instructor in Surgery.* 149 Park Street, Portland.

WILLIAM DeLUE ANDERSON, M.D., *Instructor in Anatomy.* 16 Deering Street, Portland.

AUSTIN HARBUTT MacCORMICK, A.M., *Instructor in English and Education.* [On leave of absence, U.S.N.]

NOEL CHARLTON LITTLE, A.B., *Instructor in Physics.* 8 College Street.

FRANCIS WILSON LAMB, M.D., *Clinical Assistant in Orthopedics.* 156 Free Street, Portland.

HAROLD ASHTON PINGREE, M.D., *Clinical Assistant in Orthopedics.* 156 Free Street, Portland.

JOHN HOWARD ALLEN, M.D., *Clinical Assistant in Otology.* 717 Congress Street, Portland.

ERNEST BERTRAND FOLSOM, A.B., M.D., *Clinical Assistant in Medicine.* 77 Granite Street, Portland.

ORAMEL ELISHA HANEY, M.D., *Clinical Assistant in Surgery.* 528 Deering Avenue, Portland.

LUCINDA BLAKE HATCH, M.D., *Clinical Assistant in Obstetrics.* 27 Deering Street, Portland.

STANWOOD ELMAR FISHER, M.D., *Clinical Assistant in Diseases of the Nose and Throat.* 190 State Street, Portland.
ERASTUS EUGENE HOLT, Jr., A.B., M.D., *Clinical Assistant in Ophthalmology.* 723 Congress Street, Portland.
WILLIAM COTMAN WHITMORE, A.B., M.D., *Clinical Assistant in Genito-Urinary Surgery.* 771 Stevens Avenue, Portland.
FRANK EVERETT CARMICHAEL, M.D., *Clinical Assistant in Surgery.* 5 Deering Street, Portland.
EUGENE HENRY DRAKE, A.B., M.D., *Assistant in Medicine.* 35 Deering Street, Portland.
EDWARD LEOPOLD MARKTHALER, B.S., *Assistant in Hygiene and Physical Training.* 20 Winthrop Hall.

Other Officers

SAMUEL BENSON FURBISH, B.S., *Treasurer.* 22 School Street.
HUGH McLELLAN LEWIS, B.C.E., *Assistant in the Library.* 11 Cleaveland Street.
EDITH JENNEY BOARDMAN, *Cataloguer.* 2 High Street.
AFFIE MAY COOK, *Assistant in the Library.* 11 Jordan Avenue.
ANNA ELIZABETH SMITH, *Curator of the Art Collections.* 50 Federal Street.
CLARA DOWNS HAYES, *Secretary.* 54 Harpswell Street.

Lecturers

Professor WILLIAM HOWARD TAFT, LL.D., *Annie Talbot Cole Lecturer.*
HUGH SEYMOUR WALPOLE, *Annie Talbot Cole Lecturer.*
President WILLIAM TRUFANT FOSTER, Ph.D., LL.D., *Benjamin Apthrop Gould Fuller Lecturer.*

STUDENTS

Undergraduates

Abbreviations:

A. H., Appleton Hall; H. H., William DeWitt Hyde Hall; M. H., Maine Hall; W. H., Winthrop Hall.

Candidates for the degree of A.B. have an A after their names; candidates for the degree of B.S. have an S; and students enrolled in the Medical Preparatory Course have an M.

SENIORS—Class of 1920

Name		Residence	Room
Abbott, Jere	S	*Dexter,*	B.Θ.Π. House.
Adams, Robert Haviland	A	*Holliston, Mass.,*	23 A. H.
Allen, Everett Agnew	A	*Bangor,*	K.Σ. House.
Asnault, George Raymond	A	*Portland,*	Portland.
Avery, Myron Halburton	A	*North Lubec,*	Ψ.Υ. House.
Berman, Edward	A	*Lewiston,*	25 W. H.
Berry, Wendell Hinds	A	*Springfield, Mass.,*	K.Σ. House.
Bigelow, Murray Murch	A	*South Paris,*	X.Ψ. Lodge.
Boardman, Elmer Isaiah	A	*Islesboro,*	2 A. H.
Brown, Lewis Woodbridge	S	*Skowhegan,*	Δ.K.E. House.
Chase, Elton Fletcher	S	*Quincy, Mass.,*	26 A. H.
Claff, Clarence Lloyd	A	*Randolph, Mass.,*	226 Maine St.
Cleaves, Robert Earle, Jr.	A	*Portland,*	A.Δ.Φ. House.
Constantine, Allan William	A	*Durban, S. Africa,*	14 A. H.
Cook, Willard Morse	A	*Jamaica Plain, Mass.,*	23 A. H.
Coombs, Keith Campbell	S	*Auburn,*	K.Σ. House.
Coombs, Kenneth Brown	S	*Auburn,*	7 W. H.
Cousins, Sanford Burnham	A	*Brewer,*	Θ.Δ.X. House.
Crockett, Philip Dyer	A	*Everett, Mass.,*	Θ.Δ.X. House.
Crossman, Mortimer Blake	A	*Newton Center, Mass.,*	Δ.Υ. House.
Curtis, Harry Lester	A	*Topsham,*	Topsham.
Curtis, William Woodside, Jr.	A	*Pawtucket, R. I.,*	Θ.Δ.X. House.
Daggett, Neil Eugene	A	*Milo,*	Ψ.Υ. House.
Davies, Henry Harlow	A	*Augusta,*	Ψ.Υ. House.
Davis, Allan Littlefield	A	*Springvale,*	5 M. H.
Demuth, Arthur Albert	A	*Lisbon Falls,*	Σ.N. House.
Doherty, James Cottrell	A	*Springfield, Mass.,*	Δ.K.E. House.
Doherty, Paul Edward	A	*Cambridge, Mass.,*	27 A. H.
Dostie, Archie Oliver	A	*Farmington,*	X.Ψ. Lodge.
Ellms, Edward Horace	S	*Dexter,*	7 M. H.

Name		Residence	Room
Farnham, Rolland Craig	A	*Needham, Mass.,*	Δ.K.E. House.
Finn, Edward Bernard	S	*Lynn, Mass.,*	K.Σ. House.
French, Frederick Francis	A	*Bangor,*	Ψ.Υ. House.
Goodhue, Philip Everett	A	*Portland,*	25 A. H.
Goodrich, Leland Matthew	A	*Pittsfield,*	23 M. H.
Graves, Percy Edwin	A	*Brunswick,*	42 Federal St.
Guptill, Plimpton	S	*Topsham,*	Δ.K.E. House.
Haddock, Douglass Arno	A	*Calais,*	11 Mason St.
Hall, Allan William	A	*Hall's Mills,*	Δ.Υ. House.
Henderson, Alexander	A	*Toronto, Canada,*	Richmond.
Houston, Craig Stevens	A	*Guilford,*	Δ.K.E. House.
Houston, George Goodwin	A	*Portland,*	24 College St.
Hurlin, Marshall Wentworth	A	*Jackson, N. H.,*	6 Potter St.
Hurrell, Albert Edwin	A	*South Portland,*	Σ.N. House.
Jones, Burleigh Stevens Powers	A	*Augusta,*	Β.Θ.Π. House.
Jordan, Charles Alton, Jr.	A	*Lisbon,*	Δ.Υ. House.
Kern, John Henry	S	*Woodfords,*	Β.Θ.Π. House.
Lamb, Henry William	A	*Portland,*	Ψ.Υ. House.
Leach, Frederic Knight	A	*Rockport,*	Ψ.Υ. House.
LeMay, Harold Edward	A	*Beverly, Mass.,*	South Gardiner.
Libbey, Dwight Linley	A	*Scarboro,*	9 M. H.
Lindner, Clarence Ralph	A	*Lawrence, Mass.,*	Σ.N. House.
Lovejoy, Charles Waldo	S	*Rumford,*	Α.Δ.Φ. House.
McLellan, John Houghton, Jr.	S	*Bath,*	Α.Δ.Φ. House.
McNaughton, Kirk Alexander	S	*Kaukauna, Wis.,*	10 H. H.
McPartland, Justin Stephen	A	*New Haven, Conn.,*	Θ.Δ.Χ. House.
McQuillan, Arthur Harold	A	*Skowhegan,*	Ζ.Ψ. House.
McWilliams, Richard Kenneth	A	*Bangor,*	Α.Δ.Φ. House.
Mason, Paul Venner	S	*Winthrop,*	23 W. H.
Merrill, Lawrence Buxton	S	*Yarmouth,*	15 H. H.
Millard, Warren Fairchild	A	*Freeport, N. Y.,*	9 A. H.
Moses, Leland Harper	A	*North Gorham,*	K.Σ. House.
Needelman, William Ralph	S	*Portland,*	4 Cleaveland St.
Norwood, Leslie Everett	A	*South Portland,*	32 W. H.
Noss, George Sherer	A	*Wakamatsu, Iwashiro, Japan,*	32 M. H.
Palmer, Edwin Clarence	S	*Fort Fairfield,*	Σ.N. House.
Peacock, Roland Hall	A	*Freeport,*	23 H. H.
Philbrick, Maurice Swain	S	*Skowhegan,*	Ζ.Ψ. House.
Prosser, Harold Stanley	A	*Lisbon Falls,*	Χ.Ψ. Lodge.
Rhoads, Cornelius Packard	A	*Springfield, Mass.,*	Δ.K.E. House.
Richan, Avard Leroy	A	*Rockland,*	7 W. H.
Richards, Irving Trefethen	A	*South Portland,*	15 M. H.
Ripley, William Lewis	A	*Lynn, Mass.,*	Δ.K.E. House.
Rollins, Andrew Mace, Jr.	S	*Kennebunkport,*	Ζ.Ψ. House.
Rounds, Ezra Pike	A	*Cornish,*	Θ.Δ.Χ. House.
Schlosberg, Richard Turner	S	*Portland,*	24 College St.
Shwartz, Harry Martin	A	*Portland,*	25 W. H.

Name		Residence	Room
Small, Cloyd Eldon	A	*Kingfield,*	X.Ψ. Lodge.
Smethurst, Benjamin McKinley	A	*Lowell, Mass.,*	6 M. H.
Smith, Mitchell Hull	A	*Gorham,*	K.Σ. House.
Smith, Paul Webster	S	*Portland,*	Z.Ψ. House.
Smith, Samuel Albert	A	*Dorchester, Mass.,*	28 W. H.
Sprague, Charles Myron	A	*Bath,*	16 A. H.
Spear, Roy	A	*Warren,*	X.Ψ. Lodge.
Sprince, Henry	A	*Lewiston,*	6 Cleaveland St.
Sturgis, Parker Brooks	S	*Auburn,*	Δ.K.E. House.
Taylor, Edgar Curtis	A	*Derry, N. H.,*	Θ.Δ.X. House.
Thebeau, Charles Leo	S	*Bath,*	10 Page St.
Tibbetts, Brooks Maxwell	S	*Pemaquid Harbor,*	5 M. H.
Titcomb, Frederic Guy	A	*Saco,*	6 Potter St.
Vance, James Elmon	A	*Lovell,*	5 Potter St.
Walker, William Edmund	A	*Castine,*	B.Θ.Π. House.
Waltz, Maynard Cole	A	*Warren,*	X.Ψ. Lodge.
Whitcomb, Eben Morrison	A	*Ellsworth Falls,*	K.Σ. House.
Zeitler, Emerson Walter	A	*Collinsville, Conn.,*	7 H. H.

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JUNIORS—Class of 1921

Name		Residence	Room
Anderson, Frederick Wolfe	A	*Newton Center, Mass.,*	X.Ψ. Lodge.
Badger, Joseph Lynwood	A	*Pittsfield,*	23 M. H.
Beach, Harold Ernest	A	*Brunswick,*	60 Pleasant St.
Bean, Carroll Leslie	A	*East Corinth,*	X.Ψ. Lodge.
Benton, Albion Moulton	A	*Kezar Falls,*	1 A. H.
Berry, John Linehan	A	*Denmark,*	X.Ψ. Lodge.
Blanchard, William Wesley	S	*Highland Falls, N. Y.,*	Topsham.
Boardman, Kenneth Sheffeld	S	*Beebe River, N. H.,*	Ψ.Υ. House
Buker, Samuel Cummings	A	*Saco,*	Δ.Υ. House.
Claff, Chester Eliot	A	*Randolph, Mass.,*	226 Maine St.
Clark, Leslie William	A	*Ogunquit,*	Δ.Υ. House.
Clifford, Donald Knight	A	*Portland,*	29 H. H.
Coburne, Maurice Sydney	A	*Greenwood, Mass.,*	15 W. H.
Cole, Hiram Spaulding	A	*South Portland,*	13 H. H.
Cumming, George Jordan	S	*Houlton,*	24 A. H.
Dudgeon, Harold Anthony	A	*New Bedford, Mass.,*	Δ.Υ. House.
Dyer, Emery Turner	S	*Skowhegan,*	26 H. H.
Gaffney, Herman Davis	S	*Gloucester, Mass.,*	14 W. H.
Gibson, Leslie Edwin	S	*Norway,*	B.Θ.Π. House.
Goodwin, George Russell	S	*Melrose, Mass.,*	14 W. H.
Gorham, Lee Sumner (1920)	A	*Wiscasset,*	32 W. H.
Gordon, Stanley Meacham (1920)	A	*Ilion, N. Y.,*	A.Δ.Φ. House.
Granger, George Borden	S	*Rockville Center, N. Y.,*	9 M. H.

Name		Residence	Room
Haines, Norman William	A	*Greenland, N. H.,*	Θ.Δ.X. House.
Halpin, Luke	A	*S. Braintree, Mass.,*	K.Σ. House.
Ham, Jacob Barker (1920)	A	*Lewiston,*	A.Δ.Φ. House.
Hart, Hilliard Stuart	A	*Camden,*	22 W. H.
Hatch, Lloyd Harvey	S	*Dexter,*	X.Ψ. Lodge.
Hay, Walter Fulton Whittemore	M	*Westbrook,*	Z.Ψ. House.
Heeney, Leslie Boulter	A	*Kittery,*	A.Δ.Φ. House.
Helson, Harry	A	*Old Town,*	29 W. H.
Holmes, Alonzo Barker	A	*Holbrook, Mass.,*	Δ.Υ. House.
Houghton, George Edmond, Jr.	A	*Natick, Mass.,*	Ψ.Υ. House.
Howard, Gordon Randolph	A	*Albion, Neb.,*	Θ.Δ.X. House.
Ingraham, Herbert Shepherd	A	*Rockport,*	Δ.Υ. House.
Kileski, Frederic Greenhalge	A	*Lowell, Mass.,*	Ψ.Υ. House.
Laughlin, Curtis Stuart	A	*Portland,*	Θ.Δ.X. House.
Leighton, Leon, Jr. (1920)	S	*Wilton,*	Ψ.Υ. House.
Lovell, Philip Robinson	A	*Brunswick,*	36 Pleasant St.
McClave, John Albert Edgar (1920)	S	*Grantwood, N. J.,*	B.Θ.Π. House.
McCrum, Philip Henry	S	*Portland,*	14 M. H.
McGown, Russell Miller	A	*Springfield, Mass.,*	15 M. H.
McLellan, Philip Garretson	A	*Caribou,*	Δ.K.E. House.
Marston, Paul Clarence	A	*East Brownfield,*	X.Ψ. Lodge.
Meeker, Charles Hiram	A	*Lansing, Mich.,*	Cumberland Center.
Merriam, Jackson Gilkey	S	*Yarmouth,*	29 H. H.
Merrill, Warren Carleton	A	*Skowhegan,*	Δ.K.E. House.
Milliken, Carroll Lewis	S	*Saco,*	3 A. H.
Morrell, Arch Hiram	A	*Gardiner,*	302 Maine St.
Morrill, Harold Frost	A	*Amesbury, Mass.,*	14 M. H.
Nixon, Hugh	A	*Brookline, Mass.,*	Δ.Υ. House.
Noyes, Reginald Webb	A	*Stonington,*	18 H. H.
Ogden, Ralph Trafton	A	*Springvale,*	Δ.K.E. House.
Ormerod, Frank Howarth	S	*New Bedford, Mass.,*	Δ.Υ. House.
Osterman, Louis	A	*Boston, Mass.,*	Δ.K.E. House.
Palmer, Karl Vernon (1920)	S	*Woodfords,*	6 Potter St.
Parent, John Wilfred	M	*Van Buren,*	10 Page St.
Pendexter, Hugh, Jr.	S	*Norway,*	Θ.Δ.X. House.
Pennell, Laurence Woodside	A	*Brunswick,*	5 Summer St.
Perkins, Roderick Lawrence	A	*Bartlett, N. H.,*	B.Θ.Π. House.
Pollay, Philip	S	*Brunswick,*	179 Maine St.
Prout, George Oliver	A	*Saco,*	31 W. H.
Redman, Crosby Eaton	S	*Corinna,*	19 H. H.
Reiber, Lea Alfred	S	*Bunkie, La.,*	14 A. H.
Safford, George Alden, Jr. (1920)	A	*Hallowell,*	Δ.K.E. House.
Scrimgeour, Charles William (1920)	A	*Lewiston,*	B.Θ.Π. House.
Smiley, Earl Kenneth	A	*Caribou,*	1 W. H.

Name		Residence	Room
Springer, Harold Merle	A	*Skowhegan,*	Z.Ψ. House.
St. Clair, Frank Adams	A	*Rockland,*	B.Θ.Π. House.
Stetson, Philip Stanwood	A	*Brunswick,*	35 Cumberland St.
Thomson, Alexander	A	*Skowhegan,*	7 A. H.
Tobey, Ronald Whitcomb	A	*Brunswick,*	13 Federal St.
Tupper, Clifford Rose	A	*Princeton,*	X.Ψ. Lodge.
Wadsworth, Ronald Bibber	S	*Eastport,*	38 College St.
Warren, Francis Codd	A	*Portland,*	38 College St.
White, Edward Everett	A	*Topsham,*	Topsham.
Whitney, John Joseph	A	*Ellsworth Falls,*	K.Σ. House.
Williams, John Haynes	A	*Guilford,*	Δ.K.E. House.
Wilkins, Percy Desmond	A	*Foxcroft,*	Z.Ψ. House.
Willson, Merritt Lawrence	A	*Sussex, N. J.,*	Ψ.Υ. House.
Woodward, John Everett	S	*Malden, Mass.,*	Z.Ψ. House.
Young, John Garnett	S	*Paris, Texas,*	26 A. H.

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SOPHOMORES—Class of 1922

Name		Residence	Room
Abelon, Philip	A	*Brunswick,*	54 Maine St.
Alexander, William Wilmot	S	*Island Falls,*	6 W. H.
Allen, Clarence Edward	M	*Bangor,*	K.Σ. House.
Allen, Frederic Augustus	S	*Sanford,*	21 H. H.
Anderson, Justin Leavitt	A	*Alfred,*	Z.Ψ. House.
Averill, Frank Given	A	*Old Town,*	Δ.K.E. House.
Bachulus, John Matthew	M	*New Britain, Conn.,*	12 H. H.
Bagdikian, Paul Garabed	M	*Adana, Asia Minor,*	16 H. H.
Ball, Samuel John	A	*Westbrook,*	8 W. H.
Barker, Warren Edward	S	*Biddeford,*	9 W. H.
Bartlett, Arthur Charles	A	*Norway,*	Θ.Δ.X. House.
Bartlett, Albert Russell (1920)	A	*Norway,*	Θ.Δ.X. House.
Battison, Ralph Emmons	S	*Old Orchard,*	22 A. H.
Bernstein, Louis	A	*Portland,*	27 H. H.
Blodgett, George Allen	A	*Chicago, Ill.,*	Δ.Υ. House.
Brewer, Wilfred Reginald	S	*Ashland,*	Δ.K.E. House.
Canter, Milton Maurice	A	*Gardiner,*	31 H. H.
Chick, Howard Lawrence (1921)	A	*Norway,*	Θ.Δ.X. House.
Clark, Carroll Herbert (1921)	S	*Ogunquit,*	Δ.Υ. House.
Clymer, William Frederick	S	*White Plains, N. Y.,*	X.Ψ. Lodge.
Cobb, Richard Winslow	A	*Denmark,*	B.Θ.Π. House.
Congdon, Clyde Thompson	A	*Springfield, Mass.,*	13 M. H.
Cook, Sanger Mills (1921)	A	*Newport,*	Δ.K.E. House.
Crowell, Charles Wellington (1921)	A	*Richmond Hill, N. Y.,*	Z.Ψ. House.
Curran, George Albert	A	*Calais,*	25 M. H.

Name		Residence	Room
Dahlgren, John Walter	S	*Camden,*	21 M. H.
Draper, James Sumner (1920)	S	*Wayland, Mass.,*	Σ.N. House.
Dunbar, Delmont Thurston (1920)	A	*Castine,*	Ψ.Υ. House.
Eldridge, Dean Stratton	S	*Amherst, Mass.,*	19 A. H.
Eldridge, Millard Alfred	A	*Island Falls,*	6 W. H.
Emery, Shepard May	A	*Portland,*	Α.Δ.Φ. House.
Fagone, Francesco Agrippino	M	*Portland,*	6 A. H.
Ferris, William Francis, Jr.	A	*Hoboken, N. J.,*	9 A. H.
Fish, Stanwood Shumway	A	*Freeport,*	Δ.Υ. House.
Fletcher, Charles Lloyd	S	*Norway,*	21 A. H.
Flinn, Waldo Raymond	A	*Island Falls,*	Α.Δ.Φ. House.
Fogg, Ralph Hervey	A	*Augusta,*	Z.Ψ. House.
Freeman, Francis Pike	S	*Woodfords,*	25 H. H.
Goff, Robert Fiske	A	*Portland,*	19 H. H.
Haggerty, Charles Alphonse (1920)	A	*Webster, Mass.,*	Z.Ψ. House.
Hall, Ernest Merryman	A	*Brunswick,*	38 Cumberland St.
Hall, Oliver Gray (1921)	A	*Hampden,*	8 H. H.
Hall, William Kelsey	A	*Mechanic Falls,*	27 W. H.
Ham, Edward Billings	A	*Brunswick,*	3 Bath St.
Harmon, Ceba Montelle John	S	*Stonington,*	32 H. H.
Hone, John Woodford	A	*Presque Isle,*	Σ.N. House.
Howe, Maynard Stephen	A	*Springvale,*	X.Ψ. Lodge.
Hunt, Edward Atherton	A	*Braintree, Mass.,*	25 H. H.
Jones, Lee Hamilton		*Houlton,*	
Keene, Carroll Herbert	A	*Wiscasset,*	Σ.N. House.
Kimball, Herric Charles	A	*Fort Fairfield,*	14 H. H.
King, Roy Bartlett (1921)	A	*Caribou,*	24 Pleasant St.
Kirk, Chester William (1920)	A	*Jamaica Plain, Mass.,*	10 Noble St.
Knight, Ralph Brown	S	*North Waterford,*	X.Ψ. Lodge.
Knowlton, Wilson Warner	S	*N. Woodstock, N. H.,*	269 Maine St.
Lewis, Edward Williams	S	*Amherst, Mass.,*	19 A. H.
Littlefield, William Dean	A	*Berwick,*	30 M. H.
Look, Burchard Kilkenney (1920)	A	*Strong,*	X.Ψ. Lodge.
Low, Percy Ridley (1920)	A	*Bath,*	Ψ.Υ. House.
Ludden, William Robinson	S	*Auburn,*	K.Σ. House.
Ludwig, Leland Ornell, Jr.	S	*Houlton,*	Δ.K.E. House.
Lyseth, Harrison Claude (1921)	A	*Norway,*	Δ.Υ. House.
McCormack, Roland Lawton	A	*Norway,*	21 A. H.
McCurdy, Hugh Graham	S	*Springfield, Mass.,*	13 M. H.
McGorrill, Virgil Courtney	A	*Woodfords,*	Β.Θ.Π. House.
Martin, Silvio Chrysostom	A	*Van Buren,*	16 H. H.
Meacham, Ralph Albert	S	*Dalton, Mass.,*	26 M. H.
Mendelson, Martin	S	*Lewiston,*	20 H. H.
Merry, Henry Herbert, Jr.	A	*Auburn,*	K.Σ. House.

Name		Residence	Room
Morin, Maurice	A	*Brunswick,*	46 Union St.
Moses, Oliver, 3d. (1920)	A	*Bath,*	A.Δ.Φ. House.
Nixon, Theodore	A	*Brookline, Mass.,*	20 M. H.
Norton, Carroll Plummer	A	*West Jonesport,*	Δ.Υ. House.
Noyes, George Howard	S	*Stonington,*	10 A. H.
Orr, Charles Waldron	M	*Revere, Mass.,*	20 W. H.
Page, Eben Blake	S	*Winchester, Mass.,*	25 M. H.
Partridge, George Allen	A	*Augusta,*	B.Θ.Π. House.
Perry, Standish	A	*Rockland,*	3 W. H.
Pickard, John Coleman	A	*Wilmington, Del.,*	22 A. H.
Potter, Don Theron	S	*Brunswick,*	9 Pleasant St.
Powers, Neal	A	*Fort Fairfield,*	14 H. H.
Putnam, Raymond Gentlee	A	*Danvers, Mass.,*	22 W. H.
Richards, Stuart Forbes	S	*Reading, Mass.,*	Z.Ψ. House.
Ricker, Sargent Wood	A	*Castine,*	24 M. H.
Ridley, Francis Ruthven	A	*Richmond,*	20 M. H.
Ridlon, Magnus Fairfield	A	*Stetson,*	17 H. H.
Rogers, Albert Foster	A	*South Paris,*	Δ.Υ. House.
Ryan, Terence Cullen	M	*Millinocket,*	10 Page St.
Ryder, John Maxim (1921)	A	*Fairhaven, Mass.,*	Δ.Υ. House.
Schonland, Robert Renker (1921)	S	*Portland,*	Ψ.Υ. House.
Simpson, Hartley Fremont, Jr.	A	*Tilton, N. H.,*	Δ.Υ. House.
Sleeper, Francis Harper	M	*Houlton,*	30 W. H.
Smith, Hollis Randall	S	*Natick, Mass.,*	30 M. H.
Standish, Alexander (1921)	A	*Boston, Mass.,*	9 Bowker St,
Stearns, Walter Eckley	A	*Rumford,*	Θ.Δ.X. House.
Strelneck, Martin	M	*Minot,*	Σ.N. House.
Sweatt, Linwood Austin	M	*Phillips,*	10 Bank St.
Tarbox, Richard Carlyle	S	*Saco,*	11 W. H.
Thayer, Albert Rudolph	A	*Collinsville, Conn.,*	3 A. H.
Therriault, Edmund Patrick	S	*Lille,*	Σ.N. House.
Thompson, Cecil Frank	M	*Kingfield,*	X.Ψ. Lodge.
Tibbitts, Jonathan Cilley	S	*Alameda, Cal.,*	4 H. H.
Tileston, Eben Gordon	S	*Dorchester, Mass.,*	B.Θ.Π. House.
Towle, Carroll Sherburne	A	*Winthrop,*	9 H. H.
Toyokawa, Ryonosuke (1921)	A	*Tokio, Japan,*	Δ.Υ. House.
Tuttle, Rufus Clarke	A	*Freeport,*	Freeport.
Vose, John Peters	A	*E. Eddington,*	Δ.K.E. House.
Wagg, Evarts Judson	S	*Auburn,*	K.Σ. House.
Waterman, Maurice Oliver	S	*Buckfield,*	15 A. H.
Welch, George Baker	S	*Biddeford,*	15 A. H.
Wetherell, James Henry	S	*Gorham,*	26 M. H.
Whitney, Arthur Thomas	M	*Houlton,*	2 H. H.
Wilson, Robley Conant	A	*Sanford,*	31 W. H.
Woodbury, Roliston Gibson	A	*Saco,*	Θ.Δ.X. House.
Yerxa, Clarence Pennington	A	*Houlton,*	3 H. H.

Name		Residence	Room
York, Carroll Everett	S	*Brunswick,*	17 Spring St.
Young, Maynard Robbins 117	S	*Augusta,*	30 H. H.

FRESHMEN—Class of 1923

Name		Residence	Room
Albert, Edmund Alfred	M	*Madawaska,*	17 W. H.
Alden, Dwight Merrill (1921)	A	*Portland,*	18 M. H.
Allen, Laurence Came	A	*Sanford,*	24 H. H.
Andrews, Luther Dyer	A	*Jonesport,*	12 A. H.
Avery, Maurice Wescott (1920)	A	*Bath,*	Bath.
Badger, Hartley Page	S	*Long Branch, N. J.,*	23 W. H.
Barker, Louis Whitcomb	S	*Topsham,*	Topsham.
Bates, Raynham Townsend	S	*East Rochester, N. H.,*	17 A. H.
Beale, Eugene Milton	S	*Jonesport,*	12 A. H.
Beliveau, Albert Romeo (1922)	M	*Lewiston,*	6 Cleaveland St.
Berman, David Victor	A	*Lewiston,*	8 M. H.
Bishop, Harvey Powers	A	*Brunswick,*	41 Cumberland St.
Bishop, Lloyd Willard	A	*Brunswick,*	41 Cumberland St.
Bisson, Philip Henry	A	*Barre, Vt.,*	10 M. H.
Black, James Albert	A	*Bangor,*	5 H. H.
Black, Lester Miles	S	*Saco,*	5 H. H.
Blake, Malcolm Sheppard	S	*Saco,*	11 W. H.
Bramson, Udell	A	*Portland,*	20 H. H.
Brown, Byron Freeman	M	*Presque Isle,*	32 H. H.
Burr, Malcolm Walcott	S	*Dorchester, Mass.,*	20 A. H.
Butler, Glenn Vaughan	A	*Farmington,*	22 H. H.
Butler, Leon Melvin (1922)	A	*Portland,*	20 M. H.
Carter, Shirley Hall	M	*East Bluehill,*	10 Page St.
Chandler, Marcus Patterson	S	*Camden,*	21 M. H.
Christie, Allen Quimby	A	*Riverpoint, R. I.,*	8 A. H.
Clark, Pierce Usher	S	*Plainville, Conn.,*	5 W. H.
Colburn, Stanley Wilson	S	*Augusta,*	28 H. H.
Cousens, Theodore Wells	A	*Kennebunk,*	13 A. H.
Crawford, Donald	M	*Camden,*	22 M. H.
Dannis, Morris	A	*Milo,*	32 A. H.
Daviau, Leo Arthur	A	*Waterville,*	17 W. H.
Davis, George Ellsworth	M	*Freeport,*	30 A. H.
Davis, George Thomas	M	*Portland,*	17 H. H.
Desjardins, Anatole	S	*Brunswick,*	3 Swett St.
Drake, George Spencer (1922)	S	*Clinton,*	12 W. H.
Eames, Donald Jennings	A	*Bangor,*	Z.Ψ. House.
Finnegan, Joseph	A	*Holyoke, Mass.,*	16 W. H.
French, Earle Kenneth	S	*West Bath,*	16 M. H.

Name		Residence	Room
Gerrard, Floyd Alexander	S	*Barre, Vt.,*	10 M. H.
Goldberg, Louis Edward (1922)	M	*Portland,*	31 H. H.
Gray, Henry Lancing	A	*Lubec,*	24 W. H.
Gross, Frederic Mason	S	*Orland,*	24 M. H.
Handy, John Ferris	M	*Bar Mills,*	19 Federal St.
Hanscom, Robert Davis	A	*Bethel,*	27 W. H.
Hayes, Reginald Fernald	S	*East Rochester, N. H.,*	17 A. H.
Healey, Harold Eugene	S	*Auburn,*	26 W. H.
Heathcote, Earl William	A	*Fall River, Mass.,*	8 A. H.
Hebb, Edwin Gordon	A	*Bridgton,*	28 A. H.
Hughes, Curtis Lisle	S	*Hallowell,*	22 M. H.
Hunt, Emerson Wilson	S	*Newtonville, Mass.,*	1 H. H.
Hussey, Maurice Lowell	A	*Mars Hill,*	31 A. H.
Jacob, William Beale	A	*Amesbury, Mass.,*	28 M. H.
Jardine, Irvine Wendell	S	*Fort Fairfield,*	30 H. H.
Keaney, Harry Maurice	A	*Westboro, Mass.,*	7 H. H.
Kemp, Ralph Bradstreet	S	*Kingston, N. H.,*	32 A. H.
Kennedy, Carr Foss	S	*Augusta,*	9 H. H.
King, Leopold Firman (1922)	M	*Waterville,*	Σ.N. House.
Kunkel, James Alton	S	*Utica, N. Y.,*	4 W. H.
Latty, Elvin Remo	S	*Stonington,*	10 A. H.
Libby, Edmond Parker	S	*Saco,*	1 M. H.
Little, Charles Stuart	A	*Damariscotta,*	2 H. H.
Lothrop, Eaton Shaw	M	*South Portland,*	13 W. H.
Love, Robert Beleau	A	*Danforth,*	32 H. H.
Lyons, William John (1920)	A	*Norwich, Conn.,*	4 M. H.
MacDonald, Frank Ebby	S	*South Windham,*	16 M. H.
McLaughlin, Cecil Cleophus	M	*Houlton,*	30 W. H.
McLellan, Lendall Irvine	M	*Caribou,*	11 H. H.
Mallett, Emery Longfellow	A	*Farmington,*	31 M. H.
Martin, John Sidney	M	*Waldoboro,*	2 M. H.
Mason, Geoffrey Travers	A	*Germantown, Penn.,*	11 H. H.
Means, Edgar Lincoln	A	*Orleans, Neb.,*	11 A. H.
Miller, Norman Franklin	A	*Lewiston,*	11 A. H.
Mitchell, James Edward	A	*Bangor,*	Z.Ψ. House.
Mohr, Homer Leroy	S	*Wilkes-Barre, Penn.,*	19 M. H.
Monahon, Clifford Philip (1922)	A	*Woodfords,*	K.Σ. House.
Morrell, Allen Everett	S	*Wayland, Mass.,*	Σ.N. House.
Morrison, John Mackey (1920)	A	*Boise, Idaho,*	A.Δ.Φ. House.
Morse, Robert Winthrop (1921)	A	*Andover, Mass.,*	278 Maine St.
Nason, Clyde Ellsworth	S	*North Waterford,*	2 M. H.
Palmer, Stephen	S	*Newton, Mass.,*	1 H. H.
Parcher, Clifford Proctor	A	*Saco,*	27 M. H.
Parent, Wilfred Leo (1921)	A	*Boston, Mass.,*	3 W. H.

Name		Residence	Room
Parsons, Willis Gilman	A	*Foxcroft,*	16 A. H.
Perkins, Earle Bryant	S	*South Portland,*	11 M. H.
Perkins, Elliott Payson	A	*Cornish,*	28 A. H.
Philbrick, Karl Russell	A	*Skowhegan,*	26 H. H.
Philbrook, Charles Sheldon	S	*Dryden,*	4 M. H.
Pierce, Frank Montgomery	S	*Bucksport,*	17 M. H.
Plummer, Albert Stetson	S	*Lisbon Falls,*	18 W. H.
Pollard, Clair Alonzo	S	*Ashland,*	10 W. H.
Poore, Walter Willis	A	*East Hiram,*	26 W. H.
Putnam, Wallace Joseph	A	*Kittery,*	10 W. H.
Quinby, George Hunnewell	A	*Wellesley Hills, Mass.,*	27 M. H.
Reed, Howard Clinton	M	*Whitman, Mass.,*	13 H. H.
Renier, John Ulmer	A	*Madison,*	31 A. H.
Rich, Walter John, Jr. (1921)	A	*Rockland,*	A.Δ.Φ. House.
Ridlon, Elmer Sewall	S	*Gorham,*	20 H. H.
Robinson, Colby Walter	M	*Bingham,*	22 H. H.
Rochon, Francis Ludger (1921)	S	*Lewiston,*	B.Θ.Π. House.
Rogers, William Orville	S	*Bath,*	234 Maine St.
Ross, Lewis Harry	A	*Lewiston,*	8 M. H.
Russell, George Frederick	M	*Houlton,*	24 A. H.
Schlosberg, Philip Henry	S	*Portland,*	24 W. H.
Schwind, Philip Morris	S	*Rumford,*	19 M. H.
Sealand, Evans Frank (1922)	M	*Bangor,*	29 W. H.
Sears, Norman Edward (1921)	S	*East Dennis, Mass.,*	Δ.Υ. House.
Sheesley, Jay Richard	S	*Johnstown, Penn.,*	1 W. H.
Silverman, David (1922)	S	*Portland,*	27 H. H.
Sirois, Edmond Joseph	M	*Eagle Lake,*	17 Cleaveland St.
Slater, Wilford Ernst	S	*Dexter,*	29 A. H.
Small, Clifford Osgood	A	*Mexico,*	3 M. H.
Small, Richard Irving	A	*Farmington,*	31 M. H.
Smith, David Saul	S	*Dorchester, Mass.,*	28 W. H.
Smith, Joseph Isaac	M	*Brunswick,*	103 Union St.
Smith, Morris (1922)	S	*Brunswick,*	103 Union St.
Stack, Frank O'Brien (1922)	A	*Portland,*	Z.Ψ. House.
Stackhouse, Scott Harold	A	*Springfield, Ohio,*	11 M. H.
Staples, Horace Francis	M	*Pittsfield,*	14 M. H.
Starrett, Ralph Edward (1922)	S	*Warren,*	X.Ψ. Lodge.
Stetson, George	S	*Brunswick,*	65 Federal St.
Strout, Roger	S	*Brunswick,*	36 Federal St.
Sullivan, Thomas Francis	A	*Biddeford,*	1 M. H.
Swinglehurst, Elmer Norman	S	*Orange, N. J.,*	21 W. H.
Thomas, Widgery (1922)	A	*Portland,*	Δ.K.E. House.
Thompson, Jason Collins	S	*Southport,*	Z.Ψ. House.
Tice, Dewees Frank	S	*Dorchester, Mass.,*	20 A. H.
Tootell, Frederic Delmont	M	*Salem Depot, N. H.,*	5 A. H.
Towne, Elwin Francis	S	*East Parsonsfield,*	1 A. H.

Name		Residence	Room
True, George Lewis, Jr.	A	*Brunswick,*	61 Jordan Ave.
Turgeon, Frederick King	A	*Auburn,*	28 M. H.
Varney, George Dean	A	*South Berwick,*	24 H. H.
Wakeley, Charles Fred, Jr.	S	*Lisbon Falls,*	18 W. H.
Walker, Fred Maynard	S	*East Brownfield,*	32 A. H.
Webb, Herbert Clark	M	*Bangor,*	10 H. H.
Webb, Norman Leslie (1922)	S	*Stonington,*	B.Θ.Π. House.
White, Stanley Edison	S	*Rumford,*	3 M. H.
White, Wendell James (1922)	S	*Bath,*	Bath.
Whitman, Victor Sargent	A	*Norway,*	21 W. H.
Whitney, Walter Reginald	S	*Bangor,*	10 A. H.
Wing, Eugene Courtise	A	*Stratton,*	5 W. H.
Wing, Milton Jewell (1921)	A	*Kingfield,*	5 W. H.
Yemprayura, Waht	S	*Bangkok, Siam,*	18 A. H.

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SPECIAL STUDENT

Name	Residence	Room
Sylvester, Allan Whitney, B.S.	*Harrison,*	X.Ψ. Lodge.

SPECIAL STUDENTS—Second Year

Name	Residence	Room
Clifford, Nathan, Jr.	*Portland,*	12 W. H.
James, Proctor	*Portland,*	A.Δ.Φ. House.
Larrabee, Howard Paul	*Portland,*	2 A. H.
McConky, Kenneth Whipple	*Portland,*	Δ.K.E. House.
Merrill, Lawrence Freeman	*Portland,*	8 W. H.
O'Donnell, John Philip	*Philadelphia, Penn.,*	6 Potter St.
Richardson, Jeffrey	*Brookline, Mass.,*	Δ.K.E. House.

SPECIAL STUDENTS—First Year

Name	Residence	Room
Bisson, Casimir Andrew	*Skowhegan,*	29 M. H.
Chandler, Whitman Mitchell	*Brookline, Mass.,*	4 M. H.
Clark, Blake Everett	*Milton, Mass.,*	12 M. H.
Davis, Hubert Vincent	*New York, N. Y.,*	4 Page St.
Fillmore, Ernest George	*Old Orchard,*	32 M. H.
Fitzmorris, Roy Michael	*Skowhegan,*	29 M. H.
Hamlin, William Ritter	*North Bridgton,*	15 H. H.
Hill, Francis Batchelder	*Augusta,*	28 H. H.
Mackintosh, Donald Francis	*Dorchester, Mass.,*	30 A. H.

Name	Residence	Room
Orcutt, Orville Hussey	*Houlton,*	12 M. H.
Priest, Carroll Adams	*Portland,*	17 M. H.
Smith, Abiel Manley	*Portland,*	13 W. H.

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Students Enrolled in 1918-1919 after the Second Term Register was issued.

SENIORS—Class of 1919

Name		Residence	Room
Clark, Joseph Farwell	A	*Duxbury, Mass.,*	Δ.K.E. House.
Coombs, Whitney	A	*East Orange, N. J.,*	B.Θ.Π. House.
Finn, Edward Bernard	A	*Lynn, Mass.,*	9 M. H.
Flynn, Charles Edward	A	*Cliftondale, Mass.,*	K.Σ. House.
Freese, John Benjamin	A	*S. Framingham, Mass.,*	23 A. H.
Higgins, Donald Shackley	A	*Brewer,*	A.Δ.Φ. House.
Hurlin, Marshall Wentworth	A	*Jackson, N. H.,*	Σ.N. House.
Hutchinson, William Ellis	A	*Springfield, Mass.,*	Δ.Υ. House.
MacCormick, Franklin Dugald	A	*Framingham, Mass.,*	269 Maine St.
Mitchell, Hugh Addison	A	*Brunswick,*	6 College St.
Morrison, Frank Buchanan	A	*Lisbon,*	X.Ψ. Lodge.
Norton, Bela Winslow	A	*Newport,*	Z.Ψ. House.
Savage, Willard Arnold	S	*W. Somerville, Mass.,*	Δ.K.E. House.
Smethurst, Benjamin McKinley	A	*Lowell, Mass.,*	9 M. H.
Spear, Roy	A	*Warren,*	10 A. H.
Sturgis, Parker Brooks	S	*Auburn,*	Δ.K.E. House.
Walker, William Edmund	A	*Castine,*	B.Θ.Π. House.

JUNIORS—Class of 1920

Name		Residence	Room
Adams, Robert Haviland	A	*Holliston, Mass.,*	Θ.Δ.X. House.
Crossman, Mortimer Blake	A	*Newton Center, Mass.,*	Δ.Υ. House.
Farnham, Rolland Craig	A	*Needham, Mass.,*	Δ.K.E. House.
Gordon, Stanley Meacham	A	*Ilion, N. Y.,*	11 A. H.
Haggerty, Charles Alphonse	A	*Webster, Mass.,*	Z.Ψ. House.
Lappin, John Joseph	M	*Portland,*	B.Θ.Π. House.
Leach, Frederic Knight	A	*Rockport,*	15 W. H.
Libbey, Dwight Linley	A	*Scarboro,*	Σ.N. House.
Richan, Avard Leroy	A	*Rockland,*	13 M. H.
Richards, Irving Trefethen	A	*South Portland,*	13 M. H.
Rollins, Andrew Mace, Jr.	S	*Kennebunkport,*	Z.Ψ. House.

SOPHOMORES—Class of 1921

Name		Residence	Room
Chick, Howard Lawrence	S	*Norway,*	Θ.Δ.X. House.
Eames, Paul Herford	S	*Bangor,*	Z.Ψ. House.
Goodwin, George Russell	S	*Boston, Mass.,*	K.Σ. House.
Hall, Oliver Gray	A	*Hampden,*	Z.Ψ. House.
Holmes, Alonzo Barker	A	*Holbrook, Mass.,*	Δ.Υ. House.
Ingraham, Herbert Shepard	A	*Rockport,*	Δ.Υ. House.
Tuttle, Rufus Clarke	A	*Freeport,*	Freeport.
Warren, Francis Codd	A	*Rumford,*	38 College St.

SPECIAL

Name	Residence	Room
Granger, George Borden	*Rockville Center, N. Y.,*	Σ.N. House.

Medical Students

FOURTH YEAR—Class of 1920

Name	Residence	Room*
Andersen, Adolph, B.P.E.	*Brooklyn, N. Y.,*	City Hospital.
Grant, Hendrie Walter	*Calais,*	Eye & Ear Inf.
Hall, Earl Stanley	*Springfield, Mass.,*	35 Deering St.
Herlihy, Edward Leo	*Bangor,*	Eye & Ear Inf.
LeLasher, Clement Paul	*Wallingford, Conn.,*	150 Spring St.
Margulis, Abraham Bernard, B.S.	*New York, N. Y.,*	81 Spruce St.
Merrill, Urban Howe, A.B.	*Lawrence, Mass.,*	35 Deering St.
Thayer, Ralph Bruce, B.S.	*Enfield, Mass.,*	U. S. Marine Hosp.
Webber, Isaac Mervyn, B.S.	*Weeks Mills,*	St. Barnabas Hosp.
Wight, Winfield Emmons, A.B.	*Milan, N. H.,*	35 Deering St.

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THIRD YEAR—Class of 1921

Name	Residence	Room
Brewster, Hugh Maynard, Ph.C.	*Dexter,*	City Hospital.
Finn, Alfred Joseph, A.B.	*Waterbury, Conn.,*	17 Hill St.
Giguère, Eustache Napoleon	*Lewiston,*	210 High St.

*The rooms of Third and Fourth year students are in Portland.

Name	Residence	Room
Hill, William Edward	*Meriden, Conn.,*	17 Hill St.
Howard, Henry Marshall	*Andover,*	210 High St.
Johnson, Henry Peter, A.B.	*Stetson,*	468 Forest Ave.
King, Francis Joseph	*Woonsocket, R. I.,*	521 Cumberland St.

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SECOND YEAR—Class of 1922

Name	Residence	Room
Dooley, Francis Matthew, A.B.	*Portland,*	11 Jordan Ave.
Hanson, Henry Wallace, Jr.	*Bath,*	226 Maine St.
Lee, Harold Gordon	*Ashland,*	6 Cleaveland St.
Lombard, Reginald Thomas	*Portland,*	6 Cleaveland St.
Murray, Edwin Thomas, Ph.C.	*Bangor,*	7 Cleaveland St.
Mundie, Perley James	*Calais,*	226 Maine St.

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FIRST YEAR—Class of 1923

Name	Residence	Room
Bell, Vincent Pangolli, A.B.	*Rome, Italy,*	7 Cleaveland St.
Brewster, James Hiram, A.B.	*Lisbon Falls,*	11 Jordan Ave.
Burke, Walter Edward	*Portland,*	11 Jordan Ave.
Canter, Benjamin Meyer, A.B.	*Gardiner,*	4 Cleaveland St.
Castelli, Rudolph Edward	*Chester, Conn.,*	9 Bowker St.
Davis, Allan Littlefield	*Springvale,*	5 M. H.
Drummond, Ainslee Hayden	*Portland,*	9 Bowker St.
Haddock, Douglass Arno	*Calais,*	11 Mason St.
O'Donnell, Eugene Edward, A.B.	*Lubec,*	6 Cleaveland St.
Needelman, William Ralph	*Portland,*	4 Cleaveland St.
Markthaler, Edward Leopold, B.S.	*Elizabeth, N. J.,*	20 W. H.
McGrath, John Francis, A.B.	*Waterbury, Conn.,*	11 Jordan Ave.
Perkins, Stephen Erving, B.S.	*Bartlett, N. H.,*	5 Potter St.
Rogers, Forest Hallie	*Bath,*	9 Bowker St.
Simmons, Eric Melville, A.B.	*Union,*	11 Mason St.
Sprince, Henry	*Lewiston,*	6 Cleaveland St.
Vance, James Elmon	*Lovell,*	5 Potter St.
Whalen, Henry Edward	*Bangor,*	7 Cleaveland St.
Willey, Raymond Clyde	*Johnson, Vt.,*	7 Cleaveland St.
Wiseman, Robert James, Jr.	*Lewiston,*	5 Cleaveland St.

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Summary of Instructors and Students

INSTRUCTORS

Academical Faculty	25
Medical Faculty	63
Total	88
Names Counted Twice	6
Corrected Total	82

STUDENTS

Academical Department

Seniors	95
Juniors	82
Sophomores	117
Freshmen; First Year	118
Freshmen; Second, Third and Fourth Year	24
Special Students	20
Total	456

Medical School

Fourth Year	10
Third Year	7
Second Year	6
First Year	20
Total	43
Total in the Institution	499
Names Counted Twice	5
Corrected Total	494

Appointments and Awards

HONORARY COMMENCEMENT APPOINTMENTS

1919

Summa Cum Laude

Bela Winslow Norton

Magna Cum Laude

George Hunt Casey

Cum Laude

Orson Leland Berry
Lewis Albert Burleigh, Jr.
Whitney Coombs
Roy Anderson Foulke
Myron Roberts Grover
Robert Hammond Haynes
Donald Shackley Higgins
Frank Arthur Hilton, Jr.
Howe Samuel Newell
Ether Shepley Paul, 2nd
Wilfred Philippe Racine
Harold Boardman Sawyer
Reginald Thornton Small
Ralph Archie Stevens, Jr.

PHI BETA KAPPA APPOINTMENTS

Class of 1918

Whitney Coombs

Class of 1919

Lewis Albert Burleigh
George Hunt Casey
Roy Anderson Foulke
Robert Hammond Haynes
Donald Shackley Higgins
Frank Arthur Hilton, Jr.
Howe Samuel Newell
Harold Boardman Sawyer
Ralph Archie Stevens, Jr.

Class of 1920

Philip Dyer Crockett
Leland Matthew Goodrich
Irving Trefethen Richards

CLASS OF 1868 PRIZE SPEAKING

Lewis Albert Burleigh
Fred Babson Chadbourne
John Wesley Coburn
Lloyd Osborne Colter
Roy Anderson Foulke
Ether Shepley Paul, 2nd.

ALEXANDER PRIZE SPEAKING

Avard Leroy Richan, 1920
Edgar Curtis Taylor, 1920
Maurice Sydney Coburne, 1921
Robert Winthrop Morse, 1921
William Francis Ferris, Jr., 1922
Ralph Brown Knight, 1922
Hartley Fremont Simpson, Jr., 1922
Walter Eckley Stearns, 1922
Carroll Sherburne Towle, 1922

HONOR MEN

Hal Saunders White, 1917,	*Henry W. Longfellow Scholar.*
Leland Clifton Wyman, 1918,	*Charles Carroll Everett Scholar.*
Frank Arthur Hilton, Jr., 1919	*Charles Carroll Everett Scholar.*
Neal Tuttle, 1914,	*Rhodes Scholar.*
Robert Peter Coffin, 1915,	*Rhodes Scholar.*

Class of 1919

William Angus,	*Brown Composition Prize, 2d.*
George Hunt Casey,	*Brown Memorial Scholar.*
Fred Babson Chadbourne,	*Brown Composition Prize, 1st., Bradbury Debating Prize, 2d.*
Lloyd Osborne Colter,	*Class of 1868 Prize.*
Bateman Edwards,	*Pray English Prize.*
Roy Anderson Foulke,	*Goodwin Commencement Prize.*
Donald Shackley Higgins,	*Col. Wm. H. Owen Premium.*
John Henry Kern,	*Smyth Mathematical Prize.*

Class of 1920

George Raymond Asnault,	*Hiland L. Fairbanks Prize.*
Leland Matthew Goodrich,	*Almon Goodwin Prize, Noyes Political Economy Prize, Smyth Mathematical Prize.*
Henry William Lamb,	*Brown Memorial Scholar.*
Edgar Curtis Taylor,	*Bradbury Debating Prize, 1st.*

Class of 1921

Samuel Cummings Buker,	*Bradbury Debating Prize, 2d.*
Maurice Sydney Coburne,	*Bradbury Debating Prize, 1st.*

Lloyd Harvey Hatch,	*Bradbury Debating Prize, 2d.*
Harry Helson,	*Bradbury Debating Prize, 1st.*
Curtis Stuart Laughlin,	*Hiland L. Fairbanks Prize.*
Philip Henry McCrum,	*Brown Memorial Scholar.*
Russell Miller McGown,	*Bradbury Debating Prize, 1st.*
Harold Frost Morrill,	*Smyth Mathematical Prize.*
Robert Winthrop Morse,	*Alexander Speaking Prize, 1st., Forbes Rickard Prize, Hawthorne Prize.*
Alexander Thomson,	*Sewall Latin Prize.*
John Garnett Young,	*Bradbury Debating Prize, 2d.*

Class of 1922

Leon Melvin Butler,	*Goodwin French Prize.*
Richard Winslow Cobb,	*Brown Memorial Scholar.*
Hartley Fremont Simpson, Jr.,	*Alexander Speaking Prize, 2nd., Hiland L. Fairbanks Prize.*
Walter Eckley Stearns,	*Hiland L. Fairbanks Prize.*

Degrees Conferred in 1919

BACHELOR OF ARTS

Albert, Silas Frank
Berry, Orson Leland
Buncamper, Norris Alfred
Burleigh, Lewis Albert, Jr.
Casey, George Hunt
Caspar, Albin Reinhard
Chadbourne, Fred Babson
Chin, Chen-Peng
Coburn, John Wesley
Cole, Grant Butler
Colter, Lloyd Osborne (as of the Class of 1918)
Cook, Earle Warren (as of the Class of 1917)
Coombs, Whitney (as of the Class of 1918)
Decker, Clyde Emmons
Doherty, Louis Whittier
Donnell, Orrin Smith (as of the Class of 1918)
Edwards, Bateman
Farmer, Glenn (as of the Class of 1918)
Flynn, Charles Edward
Freese, John Benjamin (as of the Class of 1918)
Gray, Alfred Shirley (as of the Class of 1918)
Gray, Ellsworth Manly
Grover, Myron Roberts
Hargraves, Gordon Sweat
Haynes, Robert Hammond
Higgins, Donald Shackley
Holbrook, Ellsworth Wright
Hutchinson, William Ellis
Ingraham, James Fuller
Lang, Raymond
MacCormick, Franklin Dugald (as of the Class of 1918)
McGorrill, Milton Morse
Mahoney, Daniel Francis
Minot, George Evans
Mitchell, Hugh Addison
Mooers, Horatio Tobey (as of the Class of 1918)
Morrison, Frank Buchanan
Nelson, Henry Chester
Newell, Howe Samuel
Niven, Paul Kendall (as of the Class of 1916)
Norton, Bela Winslow (as of the Class of 1918)
Paul, Ether Shepley, 2nd
Pearson, Leslie Whidden
Ridlon, Percy Sewall (as of the Class of 1918)
Sawyer, Harold Boardman
Simmons, Eric Melville
Small, Reginald Thornton
Smith, Louis Oscar
Smith, Roger Williams
Stevens, Clyde Ellerton
Stevens, Ralph Archie, Jr.
Tebbets, Donald Harmon
Wass, Everett Langdon (as of the Class of 1918)
Whalen, Frank Edward (as of the Class of 1918)

BACHELOR OF SCIENCE

Angus, William
Foulke, Roy Anderson
Hall, Fred Philander, Jr.
Hilton, Frank Arthur, Jr.
Johnson, Frederick Orlando
Leavitt, Stanley Lee
McCarthy, Louis Blalock
McDonald, Donald
Perkins, Stephen Erving
Racine, Wilfred Philippe
Ramsdell, Leroy Addison (as of the Class of 1917)
Savage, Willard Arnold (as of the Class of 1918)
Sullivan, Almon Bird
Sylvester, Allan Whitney

DOCTOR OF MEDICINE

Allen, Harry Everett, A.B.
Beal, George Napoleon
Carde, Albert Martin, Jr.
Drake, Eugene Henry, A.B.
Dresser, Norman Bates, A.B.
Gordon, Charles Howard
Holt, William, A.B.
Mannix, Daniel Maurice, A.B.
Nickerson, Norman Hunt, A.B.
O'Connor, Denis Stanislaus
Paretchanian, Giragos Haroutune, A.B.
Renaud, Ulric Joseph
Toothaker, Bernard Leroy
Tower, Elmer Madison
Walker, Harry Burton, A.B.
White, Langdon Robert, B.S.

Honorary Degrees

MASTER OF ARTS

Freelan Oscar Stanley (1877)
Arthur Glenwood Staples (1882)
Thomas Lewis Pierce (1898)
William Dunning Ireland (1916)
Sherman Nelson Shumway (1917)
Harold Marsh Sewall

DOCTOR OF SCIENCE

George William Tillson (1877)

DOCTOR OF LETTERS

Frank Andrew Munsey

DOCTOR OF DIVINITY

Albert Jones Lord (1894)

DOCTOR OF LAWS

Harvey Dow Gibson (1902)

Certificates of Honor

Members of the Class of 1919 in Service

Atwood, Raymond Loring
Barton, Laurence Gould
Blanchard, William Wesley
Canavello, Frederic
Doherty, Paul Edward
Fay, William Michael
Foss, Philip Emery
Friedman, Lee Manheim
Gorham, Lee Sumner
Graves, Percy Edwin
Greene, Russell Davey
Ham, Jacob Barker
Hersum, Harold Dunn
*Holbrook, Albert Davis
Irving, Ralph
Kern, John Henry
Leech, Paul Rittenhouse
Leighton, Leon, Jr.
†Martin, William Frye
Morrison, John Mackey
Noyes, ~~Gerald~~ Leighton Dunnell
Patrick, Howard
Safford, George Alden, Jr.
Smith, Cheever Stanton
Sprague, Charles Myron
Springer, Harold Merle
Thomas, John White
Tillson, Rufus Harris
Turner, Perley Smith
Whitcomb, Eben Morrison
White, David Walter

*Died in German field hospital, June 19, 1918.
†Killed in action, October 9, 1918.

BOWDOIN COLLEGE

FACULTY

KENNETH CHARLES MORTON SILLS, LL.D., President, *and Professor of Latin.*

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*

CHARLES CLIFFORD HUTCHINS, Sc.D., *Professor of Physics.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Hygiene and Physical Training.*

FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*

WILMOT BROOKINGS MITCHELL, A.M., *Professor of Rhetoric and Oratory.*

ROSCOE JAMES HAM, A.M., *Professor of German.*

GERALD GARDNER WILDER, A.B., *Librarian.*

CHARLES THEODORE BURNETT, Ph.D., *Professor of Psychology.*

MARSHALL PERLEY CRAM, Ph.D., *Professor of Chemistry and Mineralogy.*

FREDERIC WILLIS BROWN, Ph.D., *Professor of Modern Languages.*

MANTON COPELAND, Ph.D., *Professor of Biology.*

PAUL NIXON, A.M., Dean, *and Professor of Classics and History.*

WARREN BENJAMIN CATLIN, A.B., *Professor of Economics and Sociology.*

WILLIAM HAWLEY DAVIS, A.M., *Professor of English and Public Speaking.* [On leave of absence, second semester.]

ORREN CHALMER HORMELL, A.M., *Professor of History and Government.* [On leave of absence.]

HERBERT CLIFFORD BELL, Ph.D., *Professor of History and Political Science.*

GEORGE ROY ELLIOTT, Ph.D., *Professor of English Literature.*

HENRY EDWIN ANDREWS, A.M., *Professor of Art.* [On leave of absence.]
DANIEL CALDWELL STANWOOD, A.M., *Professor of International Law.*
DONALD BAXTER MacMILLAN, Sc.D., *Professor of Anthropology.* [On leave of absence.]
EDWARD HAMES WASS, *Assistant Professor of Music, and College Organist.*
ALFRED OTTO GROSS, PH.D., *Assistant Professor of Biology.* [On leave of absence, first semester.]
LEE DUDLEY McCLEAN, A.M., *Assistant Professor of Economics and Sociology.*
PHILIP WESTON MESERVE, A.M., *Assistant Professor of Chemistry.*
THOMAS CURTIS VAN CLEVE, A.M., *Assistant Professor of History.*
FREDERICK STANLEY NOWLAN, A.M., *Assistant Professor of Mathematics.*
HERBERT KING STONE, A.B., *Assistant Professor of Romance Languages.*
AUSTIN HARBUTT MacCORMICK, A.M., *Instructor in English and Education.* [On leave of absence. U.S.N.]
NOEL CHARLTON LITTLE, A.B., *Instructor in Physics.*

Committees of the Faculty

ADMINISTRATIVE.—The President, *Chairman;* the Dean, Professors Mitchell and Brown, and Assistant Professor Van Cleve.

ATHLETICS.—Professor Whittier, Chairman; Professor Bell and Mr. Little.

CATALOGUE.—Mr. Wilder, *Chairman;* Professor Davis and Assistant Professor McClean.

CURRICULUM.—Professor Burnett, *Chairman;* Professors Ham, Copeland, and Elliott.

Examining and Recording.—The Dean, *Chairman;* Professors Moody, Mitchell, and Ham, and Assistant Professor Meserve.

Library.—Mr. Wilder, *Chairman;* The President, Professor Stanwood, and Assistant Professors Gross and Stone.

Music.—Assistant Professor Wass, *Chairman;* Professors Woodruff and Burnett.

Preparatory Schools.—Professor Davis, *Chairman;* Professor Brown, and Assistant Professors McClean and Nowlan.

Public Exercises.—Professor Cram, *Chairman;* Professor Woodruff and Mr. Wilder.

Religious Activities.—Professor Elliott, *Chairman;* Professor Burnett, and Assistant Professors Wass and McClean.

Schedule.—Professor Cram, *Chairman;* Mr. Wilder and Professor Davis.

Student Aid.—The President, *Chairman;* the Dean, Professors Whittier and Cram, and Assistant Professor McClean.

ADMISSION TO THE COLLEGE

Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects:

CHEMISTRY

The ground covered should be that included in any good first year text-book. Candidates for examination will be expected to answer, in clear English, questions upon the fundamental chemical laws and the preparation, properties, and uses of common chemical substances, and to solve simple arithmetical examples based upon chemical reactions.

ENGLISH

Preparation in English has two main objects: command of correct and clear English, spoken and written; power to read

with intelligence and appreciation. To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions are essential. To secure the second end, a number of important pieces of literature are required to be read.

Candidates in 1920, 1921, and 1922 will have the option of taking either of two examinations: (1) a "Restricted" examination, based in part on a prescribed list of books; (2) a "Comprehensive" examination. Each examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature. However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination may be divided between two years, one part taken as a preliminary and the other as a final, and when thus divided each will include a test in grammar and composition.

Grammar and Composition:—Restricted and Comprehensive Examinations.—In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words an hour.

Literature:—Restricted Examination.—This examination will include: A. Questions designed to test such knowledge and appreciation of literature as may be gained by an intelligent reading of the books given in list A below. B. A test on the books in list B below. This will consist of questions upon their

content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

Comprehensive Examination.—The purpose of this examination will be to enable the candidate to show that he has read, understood, and appreciated a sufficient amount of English literature. The paper will include some questions that cannot be answered except by candidates who are able to apply what they have learned to passages of literature which they have not read before.

RESTRICTED LIST. *A. Books for Reading.*—The books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except that for any book in Group 1 a book from any other may be substituted.

GROUP 1. CLASSICS IN TRANSLATION.—The Old Testament, at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I-V, XV, and XVI; the Aeneid. (The Odyssey and the Aeneid should be read in English translations of recognized literary excellence.)

GROUP 2. DRAMA.—Shakespeare's Merchant of Venice; As You Like It; Julius Cæsar.

GROUP 3. PROSE FICTION.—Dickens's A Tale of Two Cities; George Eliot's Silas Marner; Scott's Quentin Durward; Hawthorne's The House of the Seven Gables.

GROUP 4. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele's The Sir Roger de Coverley Papers; Irving's The Sketch Book—selections covering about 175 pages; Macaulay's Lord Clive; Parkman's The Oregon Trail.

GROUP 5. POETRY.—Tennyson's The Coming of Arthur, Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus; Scott's The Lady of the Lake; Coleridge's The Ancient Mariner; and Arnold's Sohrab and Rustum.

B. Books for Study.—The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group 1. Drama.—Shakespeare's Macbeth, Hamlet.

Group 2. Poetry.—Milton's L'Allegro, Il Penseroso, Comus; selections from Book IV of Palgrave's Golden Treasury (First Series), with special attention to Wordsworth, Keats, and Shelley.

Group 3. Oratory.—Burke's Speech on Conciliation with America; Washington's Farewell Address, Webster's First Bunker Hill Oration, and Lincoln's Gettysburg Address.

Group 4. Essays.—Macaulay's Life of Johnson; Carlyle's Essay on Burns, with a brief selection from Burns's Poems.

COMPREHENSIVE LIST. The following list is not intended to be in any sense prescriptive. Its purpose is rather to indicate, by examples, the kind of literature that secondary pupils should be taught to appreciate. Books of equal merit, covering a similar range of literary types, will be accepted as equivalents.

Group 1. Classics in Translation.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I-V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Aeneid. (The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence.)

Group 2. Drama.—Everyman; Shakespeare's Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet; Goldsmith's She Stoops to Conquer; Sheridan's The Rivals.

Group 3. Prose Fiction.—Malory's Morte d'Arthur; Bunyan's Pilgrim's Progress, Part I; Swift's Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; Frances Burney's Evelina; Scott's Novels, for example, Guy Mannering, Ivanhoe, Old Mortality, Quentin Durward, Rob Roy, The Talisman; Jane Austen's Novels, for example, Pride and Prejudice; Maria Edgeworth's Castle Rackrent or The Absentee; Dickens's Novels, for example, David Copperfield, A Tale of Two Cities; Thackeray's Novels, for example, Henry Esmond; George Eliot's Novels, for example, The Mill on the Floss, Silas Marner; Mrs. Gaskell's Cranford; Kingsley's Westward Ho! or Hereward, the Wake; Reade's The Cloister and the Hearth or Griffith Gaunt; Lytton's Last Days of Pompeii; Blackmore's Lorna Doone; Hughes's Tom Brown's School Days; Stevenson's Treasure Island, or

Kidnapped, or Master of Ballantrae, or Dr. Jekyll and Mr. Hyde; Kipling's Kim, or Captains Courageous, or Jungle Books; Cooper's Novels, for example, the Deerslayer, Last of the Mohicans, The Spy; Poe's Selected Tales; Hawthorne's The House of the Seven Gables, or Twice Told Tales, or Mosses from an Old Manse; Howells's The Rise of Silas Lapham, A Boy's Town; Wister's The Virginian; Cable's Old Creole Days; a collection of short stories by various standard writers.

GROUP 4. ESSAYS, BIOGRAPHY, ORATORY, ETC.—Addison and Steele's Sir Roger de Coverley Papers or Selections from the *Tatler* and *Spectator;* Boswell's Selections from Life of Johnson; Franklin's Autobiography; Washington's Farewell Address; Burke's Speech on Conciliation with America; Irving's Life of Goldsmith; Southey's Life of Nelson; Lamb's Essays of Elia; Lockhart's Life of Scott; Thackeray's Lectures on Swift, Addison, and Steele in the English Humorists; Macaulay's Lord Clive and Warren Hastings, Milton, Addison, Life of Johnson, Speeches on Copyright, History of England, Chapter III (England in 1685), Essays on. Goldsmith, Frederic the Great, Madam d'Arblay; Trevelyan's Selections from the Life of Macaulay; Carlyle's Essay on Burns; Ruskin's Sesame and Lilies, Selections; Dana's Two Years before the Mast; Webster's First Bunker Hill Oration; Lincoln's Selections, including at least Speech at Cooper Union, the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley; together with a brief memoir or estimate of Lincoln; Parkman's The Oregon Trail; Emerson's Manners, Self-Reliance; Thoreau's Walden; Lowell's Selected Essays; Holmes's The Autocrat of the Breakfast Table; Burroughs's Selected Essays; Warner's In the Wilderness; Curtis's Prue and I, Public Duty of Educated Men; Stevenson's An Inland Voyage and Travels with a Donkey; Huxley's Autobiography and Selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Hudson's Idle Days in Patagonia; Clemens's Life on the Mississippi; Riis's The Making of an American; Bryce's The Hindrance to Good Citizenship; a collection of essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

GROUP 5. POETRY.—Palgrave's Golden Treasury (First Series): Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's Golden Treasury (First Series): Book IV, with special attention to Wordsworth, Keats, and Shelley; Milton's L'Allegro, Il Penseroso, Comus, Lycidas; Pope's The Rape of the Lock; Goldsmith's The Traveller and The Deserted Village; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and

Grahame, Sir Patrick Spens, and a selection from later ballads; Coleridge's The Ancient Mariner, Christabel, and Kubla Khan; Byron's Childe Harold, Canto III or IV, and The Prisoner of Chillon; Scott's The Lady of the Lake, Marmion; Macaulay's The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry; Tennyson's The Princess, The Coming of Arthur, The Holy Grail, Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How they Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus; Arnold's Sohrab and Rustum, The Forsaken Merman, Balder Dead; selections from American Poetry, with special attention to Bryant; Poe, Lowell, Longfellow, Whittier, and Holmes.

Candidates who wish to take the comprehensive examination should give notice of such intention to the Dean at least one month in advance.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

1. Elementary French. The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, or portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes;* Bruno, *Le tour de la France;* Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat;* Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris;* Foncin, *Le pays de France;* Labiche and Martin *La poudre aux yeux* and *Le voyage de M. Perrîchon;* Legouvé and Labiche, *La cigale chez les fourmis;* Malot, *Sans famille;* Mairet, *La tâche du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcy, *Le siège de Paris;* Verne's stories.

II. Advanced French. This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppées poems; Daudet, *La belle Nivernaise;* La Brète, *Mon oncle et mon curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La chute;* Labiche's plays; Loti, *Pêcheur d' Islande;* Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme;* Racine, *Athalie, Andromaque,* and *Esther;* George Sand's plays and stories; Sandeau, *Mademoi-*

selle de la Seiglière; Scribe's plays; Thierry, *Récits des temps mérovingiens;* Thiers, *L'expédition de Bonaparte en Egypte;* Vingy, *La canne de jonc;* Voltaire's historical writings.

Candidates offering either Elementary or Advanced French are expected to be familiar with the alphabet of the Association Phonétique Internationale.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

I. Elementary German. The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the offhand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end

of enabling the pupil, first, to use his knowledge with facility in forming sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder;* Arnold, *Fritz auf Ferien;* Baumbach, *Die Nonna* and *Der Schwiegersohn;* Gerstäcker, *Germelshausen;* Heyse, *L'Arrabbiata, Das Mädchen von Treppi,* and *Anfang und Ende;* Hillern, *Höher als die Kirche;* Jensen, *Die braune Erica;* Leander *Träumereien* and *Kleine Geschichten;* Seidel, *Märchen;* Stökl, *Unter dem Christbaum;* Storm, *Immensee* and *Geschichten aus der Tonne;* Zschokke, *Der zerbrochene Krug.*

The best shorter plays available are: Benedix, *Der Prozess, Der Weiberfeind,* and *Günstige Vorzeichen;* Elz, *Er ist nicht eifersüchtig;* Wichert, *An der Majorsecke;* Wilhelmi, *Einer muss heiraten.* Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen,* or *Bilderbuch,* or Leander *Träumereien,* to the extent of about forty pages. Afterward, such a story as *Das kalte Herz,* or *Der zerbrochene Krug;* then *Höher als die Kirche,* or *Immensee;* next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess.*

II. Advanced German. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein;* Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit,* for example, *Karl der*

Grosse, Aus den Kreuzzügen, Doktor Luther, Aus dem Staat Friedrichs des Grossen; Fouqué, *Undine;* Gerstäcker, *Irrfahrten;* Goethe, *Hermann und Dorothea* and *Iphigenie;* Heine's poems and *Reisebilder;* Hoffman, *Historische Erzählungen;* Lessing, *Minna von Barnhelm;* Meyer, *Gustav Adolfs Page;* Moser, *Der Bibliothekar;* Riehl, *Novellen,* for example, *Burg Neideck, Der Fluch der Schönheit, Der stumme Ratsherr, Das Spielmannskind;* Rosegger, *Waldheimat;* Schiller, *Der Neffe als Onkel, Der Geisterseher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke, Balladen;* Scheffel, *Der Trompeter von Säkkingen;* Uhland's poems; Wildenbruch, *Das edle Blut.* A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher;* (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

GREEK

The examinations, except as stated in I (2), will be directed to testing the candidate's knowledge of Greek and his ability to read and understand the language rather than his knowledge of special works which he has studied. It is believed that a course of three years with five exercises a week, covering four books of the Anabasis or their equivalent in Attic prose and 2000 verses of Homer, together with practice in prose composition and sight reading, will give the required proficiency.

I. Elementary Greek. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(1) The translation at sight of passages of simple Attic prose.

(2) A thorough examination of Xenophon's Anabasis, Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language, the test to

consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only as occur in the portion of Xenophon prescribed.

II. Advanced Greek. This examination, *which must be preceded by the examination in Elementary Greek,* will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(1) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

(2) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

The examinations in history will call for comparisons of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

I. Greek History. To the death of Alexander, with due reference to Greek life, literature, and art.

II. Roman History. To 800 A. D., with due reference to government and institutions.

III. English History. With special reference to social and political development.

IV. American History. With special attention to the development of political and social institutions.

LATIN

I. Amount and Range of the Reading Required

1. The Latin reading required of candidates, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the speeches against Catiline, for the Manilian Law, and for Archias; and Virgil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (speeches, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); and Virgil (Bucolics, Georgics, and Aeneid), and Ovid (Metamorphoses, Fasti, and Tristia).

II. Subjects and Scope of the Examinations

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, Speeches for the Manilian Law and for Archias, and Virgil, Aeneid, I-II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight, and candidates must deal satisfactorily with both of these parts of the paper or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

At Bowdoin College the grouping of subjects is as follows:

I. Elementary Latin. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. The reading shall be not less in amount than Cæsar, Gallic War, I-IV; and Cicero, the speeches against Catiline, for the Manilian Law, and for Archias. With the exception of the last two speeches, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover Cicero's speeches for the Manilian Law and Archias, sight translation of prose, grammar, and the translation into Latin prose of a passage, for which the words, constructions and range of ideas will be such as are common in the reading of the three years' course.

Note.—An examination on Grammar, Cæsar, and the writing of simple Latin prose will be given to candidates for the degree of B.S. who offer two years of Latin.

II. Advanced Latin. This examination, *which must be preceded by the examination in elementary Latin,* will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. The reading, in addition to that necessary for elementary Latin, shall be not less in amount than Virgil, Aeneid, I-VI. With the exception of the Aeneid, I-II, and either IV or VI, which are required, it may be selected from the authors specified in I, 2 above.

The examination will cover the Aeneid, I-II, and either IV or VI, and sight translation of both prose and poetry.

MATHEMATICS

The present definition of the requirements in Mathematics is in accordance with recommendations made in September, 1903,

by a committee of the American Mathematical Society.

I. Elementary Algebra. The four fundamental operations for rational algebraic expressions; factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynominals and of numbers; exponents, including the fractional and negative; quadratic equations, both numerical and literal; simple cases of equations, with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binominal theorem for positive integral exponents; the formulas for the nth term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

II. Advanced Algebra. Permutations and combinations, limited to simple cases; complex numbers with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

III. Plane Geometry. The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original

exercises, including loci problems, applications to the mensuration of lines and plane surfaces.

IV. Solid Geometry. The usual theorems and constructions of good text-books, including the relations of planes and lines in space; the properties and measurements of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

V. Plane Trigonometry. Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas; solution of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

PHYSICS

Physics as represented by any standard text-book. Candidates must be able to solve numerical examples under the various sections, must have performed forty experiments of a grade equivalent to those found in Hall's Elements of Physics, and must have a note-book containing a written description in their own language of their experiments with all their calculations. These note-books must be certified by their instructors and presented at the examination.

Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman class in Bowdoin College under the

following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts one unit.

To enter free from conditions, a candidate for admission must offer subjects amounting in all to 14½ units.

I. For the Degree of A.B. The following subjects aggregating 9½ units are required:

English	3
Latin, Elementary	3
Algebra	1½ (or 2)*
Plane Geometry	1
Roman History	½
Greek, English, or American History	½

Subjects amounting to 5 units must be elected from the following list:

Latin, Advanced	1	Physics	1
Greek, Elementary	2	Algebra, Advanced	½
Greek, Advanced	1	Solid Geometry	½
French, Elementary	2	Trigonometry	½†
French, Advanced	1	Greek History	½
German, Elementary	2	English History	½ (or 1)‡
German, Advanced	1	American History	½ (or 1)‡
Chemistry	1		

If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

Candidates are strongly recommended to present Advanced Latin for admission. If it is not presented, the student is required to take Latin A and B in college.

II. For the Degree of B.S. The following subjects aggregating 8½ units are required:

*Algebra will count as 2 units if reviewed in senior year or if the examination be taken in senior year.

†Certificates in Trigonometry for admission will not be accepted; an examination set by the College must be taken.

‡English or American history will count as 1 unit if the work is continued throughout a year for 5 full periods a week.

English	3
Algebra	1½ (or 2)*
Plane Geometry	1
A Foreign Language	2
Two Histories	1

Subjects amounting to 6 units must be elected from the following list:

Latin (2 years)	2	Chemistry	1
Latin, Elementary	3	Physics	1
Latin, Advanced	1	Algebra, Advanced	½
Greek, Elementary	2	Solid Geometry	½
Greek, Advanced	1	Trigonometry	½†
French, Elementary	2	Greek History	½
French, Advanced	1	Roman History	½
German, Elementary	2	English History	½ (or 1)‡
German, Advanced	1	American History	½ (or 1)‡

The College believes that the subjects mentioned in I and II are the best preparation for a college course as given at Bowdoin at present, and strongly advises candidates to make their preparation from these courses exclusively whenever it is possible to do so. The College also recognizes the fact that High Schools are requesting credit for other subjects which have educational value. It is therefore willing to consider applications for credit amounting to not more than 2 units for work in such subjects as Botany, Civics, Commercial subjects, Manual Training, Mechanical Drawing, Music, and Physical Geography. For the present, all such applications will be treated individually, and ordinarily will not be considered unless the candidate has credit for 12½ units from the subjects listed in I or II. The principal may apply for such credit in a letter addressed to the Dean, stating the nature of the courses with the number of hours required, and the rank and attainments of the candidate in question. The Recording Committee of the College will examine the reports carefully, inquire into the nature of the work done in the courses, and give credit from ½ to 2 units as the case may warrant.

*†‡See foot notes, page 58.

Methods of Admission

ADMISSION BY EXAMINATION

Examinations at the College. The regular examinations for admission to college will be held in Bannister Hall, in Brunswick, on Thursday, Friday, and Saturday, June 10, 11, and 12, 1920, and on Monday, Tuesday, and Wednesday, September 20, 21, and 22, 1920, according to the schedule printed on page 61.

The examinations are chiefly in writing.

Examinations at Preparatory Schools. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than four years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent: 1. Chemistry; 2. English; 3. French; 4. German; 5. Greek; 6. History (Greek, Roman, English, and American); 7. Latin; 8. Mathematics (Algebra and Plane Geometry); 9. Physics.

No papers will be sent in Advanced Mathematics. The entrance examinations in these subjects can be taken only at Brunswick, and written applications for such examinations should be sent to the Dean at least three days before the examination dates.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed:

1. Papers are sent only in June. The dates for holding the examinations in 1920 are June 10, 11, and 12. *Under no circumstances will papers be sent at any other dates.*

2. Applications for papers, addressed to the Dean, must be received *not later than June 1,* and should state the name of the

school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examinations. On the completion of the examinations, the books are to be returned at once by express at the expense of the College.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the College.

For 1920 the schedule of examinations is as follows:

Thursday, June 10.	Friday, June 11.
Monday, September 20.	Tuesday, September 21.
9-12 A. M., History.	9-12 A. M., English.
2-5 P. M., Latin.	2-5 P. M., French.
7-9 P. M., Chemistry.	7-9 P. M., Physics.

Saturday, June 12.
Wednesday, September 22.

9 A. M.-1 P. M., Mathematics.
2-5 P. M., German or Greek.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle; these schools having been made special fitting schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

College Entrance Examination Board. The certificates, issued as the result of examinations which are held by the College Entrance Examination Board, will be accepted by the College in so far as they meet the requirements for admission.

In June, 1920, there will be separate blank forms for the "application for examination" and "certificate of recommendation." The former should be addressed to the College Entrance Examination Board, 431 West 117 Street, New York, N. Y., the latter to the Dean of Bowdoin College. Both forms may be obtained from the Secretary of the College Entrance Examination Board upon request by mail.

Provided that the application reach the College Entrance Examination Board not later than the date specified below, the examination fee will be $6.00 if the candidate is to be examined in the United States or Canada, $20.00 if the candidate is to be examined outside of the United States or Canada. The fee should be transmitted by postal order, express order, or draft on New York, should accompany the application, and should be payable to the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States or Canada must reach the Secretary of the Board at least six weeks in advance of the examinations, that is, on or before May 10, 1920.

Applications and fees of candidates who wish to be examined at points in the United States west of the Mississippi River or in Canada must be received at least four weeks in advance of the examinations, that is, on or before May 24, 1920.

Applications and fees of candidates who wish to be examined at points in the United States east of or on the Mississippi River must be received at least three weeks in advance of the examinations, that is, on or before May 31, 1920.

When the candidate has failed to obtain the required blank form of application for examination, the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the examination center at which he

wishes to present himself, and a list of all subjects in which he may have occasion to take the Board's examinations.

Applications received later than the dates named will be accepted only upon payment of $6.00 in addition to the usual fee.

A list of the places at which the examinations are to be held by the Board in June, 1920, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Bates, Boston University, Bowdoin, Brown, Colby, Massachusetts Agricultural College, Middlebury, Mount Holyoke, Smith, Tufts, the University of Vermont, Wellesley, Wesleyan, and Williams. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Frank W. Nicolson, Wesleyan University, Middletown, Conn.

The College has established a list of schools outside of New England to which it accords the certificate privilege. Admission to this list can be obtained on presentation of evidence of qualification.

Blank certificates for admission to Bowdoin College may be had by principals on application to the Dean.

ADVANCED STANDING

Candidates for admission to the Sophomore, Junior, and

Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. Candidates are not admitted to the Senior class after the beginning of the Second Semester, and they are not eligible for a degree until they have been a full year in residence. Applications for admission to advanced standing should be addressed to the Dean.

SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming candidates for a degree; but no student shall continue in such special standing for more than two years. Special students wishing to become candidates for a degree in either the College or Medical School must satisfy all the regular requirements for admission to the Freshman class. During the first year of residence no student in special standing is allowed to participate in intercollegiate athletics. Application for admission as special students should be addressed to the Dean.

TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before certificates of admission are granted. Letters from principals or teachers dealing in a personal manner with the character and attainments of the candidate are desirable. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and

any other charges that may arise under the college laws. A blank form for this purpose will be given with the certificate of admission.

Required and Elective Studies

REQUIRED STUDIES

Freshman Year. Candidates for the degree of A.B. are required to take Hygiene, the first semester; English 4, the second semester; and

(1). English 1, 2; and

(2). One of the following: Greek A, B or 1, 2; Latin 1, 2; Mathematics 1, 2; and

(3). A second elective from group (2), or one of the following: Government 1, 2; Physics 1, 2; and

(4). To comply with the requirements in modern languages: That each student who is a candidate for a degree shall have completed, 1st, two years in either French or German, at least one year of which shall have been taken in college; and, 2nd, one year in a second modern foreign language to be taken in college from those offered in the curriculum. (Neither of these provisions is to be interpreted as altering the requirements for admission.)

Note.—Candidates who enter without advanced Latin are required to take Latin A, B.

Candidates for the degree of B.S. are required to take Mathematics 1, 2; otherwise their Freshman courses are the same as those for candidates for the degree of A.B.

Sophomore Year. Latin 1, 2, is required of candidates for the degree of A.B. who took Latin A, B in their Freshman year and who did not elect Greek A, B or 1, 2, or Mathematics 1, 2.

Greek 1, 2 is required of candidates for the degree of A.B. who took Greek A, B in their Freshman year and who did not elect Latin 1, 2 or Mathematics 1, 2.

The required work in modern languages should be completed in the Sophomore year, if it has not already been completed in the Freshman year.

In addition to the foregoing required courses all students are required to take each year a course in Physical Training.

ELECTIVE STUDIES

Thirty-four (34) courses are required for a degree, in addition to Hygiene, English 4, and four courses in Physical Training. These courses, except those mentioned above under Required Studies, which students must take at the times designated, are all elective, but subject to the following regulations:

1. Each student, whether Regular or Special, is required to take four (4) full courses each Semester in addition to the required work in Physical Training, Hygiene, and English 4.

2. Each regular student is required to take a fifth (5) course during any two (2) Semesters after the Freshman year.

3. No student is allowed to elect more than one (1) extra course in any Semester unless one-half of his grades for the previous Semester have been B or higher, and then not without the consent of the Dean.

4. Each student is required to have completed before graduation one major and two minors. He must choose his major by the end of his Sophomore year, and must submit the courses chosen for the approval of the department in which the major is taken. He must also choose two minors at the same time, and must submit them for advice to the department in which the major is to be taken.

Definitions. A Major is a subject pursued through three (3) consecutive years, or the equivalent of three years. A Minor is a subject pursued through two (2) consecutive years.

5. Each student who is a candidate for the degree of B.S. must have completed before graduation either:

1. A major in Biology, Chemistry, Mathematics, Physics, or Psychology, and two minors in any subjects; or

2. A major in Economics, or History and Government, or, with the consent of the department concerned, in English, French, or German, and two minors in any subjects; but he must choose his electives so as to complete at least

two one year courses in the sciences of Astronomy, Biology, Chemistry, Geology, elective Mathematics, Mineralogy, Physics, and Psychology.

Majors

In order to test the general grasp of his major subject, each student must sustain a special examination, not later than the end of the First Semester of Senior year. A satisfactory quality of work, with an average grade of at least C, must be maintained in the courses of the major subject, the major examination, and whatever extra work a department may deem advisable.

The Departments in which majors may be elected have designated the following courses as constituting majors:

Biology. Courses 1, 2, Botany 1, and three others.

Chemistry. Courses 1, 2, 3, 4, 6, and one of the following: 5, 7, or Mineralogy.

Economics and Sociology. Courses 1, 2, 5, and any three others.

English. Courses 13, 14, 15, 16, and any two others; but Courses 1, 2, 4, 5, 6, 7, 8 not to count.

French. Any six courses; but Courses 1, 2 not to count.

German. Any six courses; but Courses 1, 2 not to count.

Greek. Courses 1, 2, 3, 4, and any two others.

History and Government. Any six courses.

Latin. Courses 1, 2, 3, 4, 5, 6.

Mathematics. Courses 1, 2, 3, 4, 5, 6.

Philosophy and Psychology. Any six courses.

Physics. Courses 3, 4, 5, 6, 7, 8.

Minors

All courses offered in all departments, except Greek A, B and Latin A, B, count toward minors.

COURSES OF INSTRUCTION

ART

PROFESSOR ANDREWS

[1. The Art of Antiquity. First Semester: three hours a week.]

[2. Continuation of Course 1. Second Semester: three hours a week.]

Omitted in 1919-1920, and 1920-1921; to be given in 1921-1922.

A general study of Ancient Art from prehistoric days to the Middle Ages, with a somewhat detailed consideration of the more important monuments and relics of Egypt, Mesopotamia, Greece, and Rome.

Prerequisite, Course 1.

[3. Mediæval and Modern Architecture. First Semester: three hours a week.]

[4. Continuation of Course 3. Second Semester: three hours a week.]

Omitted in 1919-1920; to be given in 1920-1921.

A review in outline of architectural development from the beginning of the Middle Ages to the present day, with a more particular examination of conspicuous examples of the Byzantine, Mohammedan, Romanesque, Gothic, and Renaissance styles.

Prerequisite, Course 3.

[5. The Painters and Sculptors of the Renaissance. First Semester: three hours a week.]

[6. Continuation of Course 5. Second Semester: three hours a week.]

Omitted in 1919-1920, and 1920-1921; to be given in 1921-1922.

A summary view of Renaissance Painting and Sculpture, with special emphasis on the works of Leonardo da Vinci, Raphael, Michelangelo, and Correggio, in Italy; of the Van Eycks in Flanders; and of Dürer and Holbein in Germany.

Prerequisite, Course 5.

[7. Modern Painting and Sculpture. First Semester: three hours a week.]

[8. Continuation of Course 7. Second Semester: three hours a week.]

Omitted in 1919-1920; to be given in 1920-1921.

A study of the European Painting and Sculpture of the seventeenth, eighteenth, and nineteenth centuries, following the outline of the text-book, stressing the work of Velasquez, Rembrandt, Rubens, and Van Dyck, considering briefly certain masterpieces of Oriental and American Art, and, as far as time permits, touching on certain allied aspects of the Industrial Arts of Weaving, Ceramics, and Furniture-Making.

Prerequisite, Course 7.

The work in each course consists of recitations on the text of Reinach's Apollo; lectures, illustrated by lantern slides; the examination of the collections in the Walker Art Building; and the writing of special reports based on assigned collateral reading.

ASTRONOMY

Professor Hutchins

1. Descriptive Astronomy. First Semester: Monday, Wednesday, Friday, 9.30.

A non-mathematical course giving a general survey of our present knowledge of the positions, motions, shapes, sizes, masses, physical conditions, and evolutions of all the heavenly bodies.

The telescopes at the observatory are used in illustration, as well as many charts, photographs, and pictures.

Text-book: Young's Manual of Astronomy.

Elective for Sophomores, Juniors, and Seniors.

2. Practical Astronomy. Second Semester: at the same hours.

Elements of spherical trigonometry with applications to simple problems in navigation and surveying. Observatory work; problems in time, latitude, and longitude; use of the sextant, transit, telescope, etc.

Prerequisites, Mathematics, 1, 2, and Astronomy 1.

BIOLOGY

Zoology

PROFESSOR COPELAND AND ASSISTANT PROFESSOR GROSS

1. General Introduction to Zoölogy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 1.30. Laboratory divisions on the same days at 2.30 and 3.30.

2. Continuation of Course 1. Second Semester: at the same hours. PROFESSOR COPELAND

The lectures in Courses 1, 2 are designed to give a general introduction to the subject of Zoölogy. The classification, distribution, morphology, physiology, ecology, and evolution of animals are discussed. Representative types from the lower groups of animals to the vertebrates are studied in the laboratory. Some exercises in addition are based on animal cytology, histology, embryology, and physiology. The exercises involve the use of the microscope, and in Course 2 the student is given practice in dissecting. These courses are intended for beginners, and for those wishing to gain a comprehensive view of the subject.

Elective for Sophomores, Juniors, and Seniors, and required of Freshmen in the Medical Preparatory Course.

Credit not given for Course 1 unless Course 2 is taken.

[3. Comparative Anatomy of Vertebrates. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30-12.30.]

[4. Continuation of Course 3. Second Semester: at the same hours.] ASSISTANT PROFESSOR GROSS

Omitted in 1919-1920.

Courses 3, 4 deal with the morphology of vertebrates from a comparative standpoint, and illustrate the evolution of animals from the fishes to the mammals. The classification of the chordates, theories of vertebrate structure, and the homologies of organs are discussed. The dogfish, necturus, and turtle are used as the types of veterbrates for study and dissection in Course 3. Dissections of other forms especially the pigeon are used for demonstrating homologous organs. The laboratory work of Course 4 is devoted to the study of the cat, but comparisons of systems of organs are constantly made with those of animals studied in Course 3.

Elective for those who have passed or are taking Courses 1, 2.

Credit not given for Course 3 unless Course 4 is taken.

5. Microscopical Anatomy. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 10.30-12.30.

This course treats of the technique involved in the preparation and study of animal cells and tissues. A series of preparations is made and studied in the laboratory.

Elective for those who have passed or are taking Courses 1, 2.

6. Vertebrate Embroyology. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 10.30-12.30.

Assistant Professor Gross

A course on the earlier stages of development, treating of the reproductive cells, maturation, fertilization, cleavage, the formation of germ layers, the development of the primitive segments, and the formation of fetal membranes. A series of preparations illustrating the early development of the chick and pig is made and studied.

Prerequisite, Course 5.

In 1919-1920 Courses 5, 6 will be combined and given in the Second Semester.

Courses 3, 4 and 5, 6 are given in alternate years and are intended for those who desire to lay a broad foundation for the study of human anatomy, embryology, and physiology, and for those especially interested in or proposing to teach biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

7. Special Laboratory and Field Investigations. First Semester: six hours a week, at the convenience of instructor and students.

8. Continuation of Course 7. Second Semester: at the same hours.

Professor Copeland and Assistant Professor Gross

These courses offer to students having the requisite training the opportunity of pursuing original biological investigations under the direction of the instructor.

9. Organic Evolution. Lectures and reading. First Semester: Tuesday, Thursday, Saturday, 9.30. Professor Copeland

This course includes a discussion of the evidence supporting the doctrine of evolution, and an examination into the theories of species origin. The topics of variation, adaptation, heredity, and other problems which arise in connection with evolutionary biology are discussed.

Elective for Juniors and Seniors.

10. Vertebrate Ecology and Behavior. Lectures, readings, field and laboratory work. Second Semester: six hours a week, at the convenience of instructors and students.

Professor Copeland and Assistant Professor Gross

A course on the ecology and behavior of certain vertebrate classes. Emphasis will be laid on problems involving study in the field. The laboratory work will include the examination and identification of museum specimens.

Open to a limited number of Juniors and Seniors who are majoring in biology.

Botany

Professor Copeland

1. Botany. Lectures and laboratory work. Second Semester: Monday, Wednesday, Friday, 8.30. Laboratory divisions on the same days at 9.30 and 10.30.

The lectures are intended to give a general survey of botany and treat principally of the classification, morphology, physiology, and ecology of plants. The laboratory work consists of the study of types of the vegetable kingdom from the lower groups to the flowering plants. The purpose of the course is to give a comprehensive view of the vegetable kingdom, and to present some of the facts and doctrines derived from the scientific study of plants. It is intended for beginners.

Elective for Sophomores, Juniors, and Seniors, and required of students majoring in Biology.

CHEMISTRY

Professor Cram and Assistant Professor Meserve

1. General Chemistry. First Semester: Monday, Wednesday, Friday, 10.30.

2. Continuation of Course 1. Second Semester: at the same hours. PROFESSOR CRAM

Elective for Sophomores, Juniors, and Seniors, and required of Freshmen in the Medical Preparatory Course. Freshmen not in the Medical Preparatory Course are admitted only in cases where there exists some special reason for their taking chemistry in freshman year, which reason must be approved by the Dean and the Chemistry Department.

Credit not given for Course 1 unless Course 2 is taken.

3. Qualitative Analysis. First Semester: Monday, Wednesday, Friday, 2.30. PROFESSOR CRAM

Prerequisites, Courses 1, 2.

4. Quantitative Analysis. Second Semester: five hours of laboratory work and a one-hour lecture on Physical Chemistry weekly. Hours for the last to be arranged.

ASSISTANT PROFESSOR MESERVE

Prerequisite, Course 3.

4. Quantitative Analysis. Same as Course 4 above. First Semester. ASSISTANT PROFESSOR MESERVE

Prerequisite, Course e (1918-1919). This course is to be given in 1919-1920 only.

5. Advanced Quantitative Analysis. First Semester: Thursday, 2.30. Laboratory hours by appointment.

ASSISTANT PROFESSOR MESERVE

Prerequisite, Course 4 or f.

6. Organic Chemistry. Second Semester: Monday, Wednesday, Friday, 2.30. ASSISTANT PROFESSOR MESERVE

Prerequisite, Course 3.

7. Organic Chemistry. Chiefly laboratory work. First Semester: Hours by appointment. This course with Course 6 comprises a year's work in organic chemistry, and is designed to meet the requirements of the leading medical schools.

ASSISTANT PROFESSOR MESERVE

This course will be repeated in the second semester. Prerequisite, Course 6, taken either before or with this course.

8. Continuation of Course 5. Second Semester.

Assistant Professor Meserve

Prerequisite, Course 5.

Physical Chemistry. One lecture a week during the Second Semester as a part of Course 4. The chapters taken up are those on the general properties of matters in the gaseous, liquid, and solid states, and solutions. Second Semester.

Assistant Professor Meserve

Physical Chemistry. One lecture a week throughout the year as a part of Courses 5 and 8. The physical chemistry comprises the chapters on electrochemistry, thermochemistry, photochemistry, and chemical dynamics. Both Semesters: Thursday, 2.30.

Physiological Chemistry. Both Semesters: Monday, Wednesday, Friday, 1.30. Professor Cram

Permission will be given to a few seniors of good standing in the College to take the work in physiological chemistry in the Medical School. Such students should take organic chemistry their Junior year. Permission to take this course will be granted only to students whose records in the department warrant it, and to only a limited number of such students.

Students who come to college with the intention of specializing in chemistry and who would like advice about the collateral subjects required for graduate work, are urged to consult Professor Cram at an early date.

ECONOMICS AND SOCIOLOGY

Professor Catlin and Assistant Professor McClean

1. Principles of Economics. Text-book, lectures, and conferences. First Semester: Tuesday, Thursday, Saturday, 9.30.

2. Continuation of Course 1. Second Semester: at the same hours.

Professor Catlin and Assistant Professor McClean

A study of the fundamental laws of the subject with some of their practical applications in business and politics.

Elective for Sophomores, Juniors, and Seniors.
Credit not given for Course 1 unless Course 2 is taken.

3. Money and Banking. Text-books, reports, and lectures. First Semester: Tuesday, Thursday, Saturday, 11.30.

PROFESSOR CATLIN

The history, theory, and practical aspects of banking and currency are dealt with. Emphasis is placed upon the relation between money and prices, crises, investment banking, foreign exchange, and the operation of the Federal Reserve System. An attempt is made to follow the changing panorama of the stock market and money market by means of leading financial journals.

Elective for Juniors and Seniors who have passed Courses 1, 2.

[4a. Public Finance. Lectures, readings, conferences, and reports. Second Semester: Tuesday, Thursday, Saturday, 11.30.]

PROFESSOR CATLIN

Omitted in 1919-1920; to be given in 1920-1921.

This course takes up the problems of local, state, and national revenue and expenditure from a social as well as from a fiscal standpoint.

Elective for Juniors and Seniors who have passed Courses 1, 2.

4b. Commerce and Commercial Policy. Text-book, reports, conferences, and lectures. Second Semester: Tuesday, Thursday, Saturday, 11.30. PROFESSOR CATLIN

Given in 1919-1920; to be omitted in 1920-1921.

This course treats of both domestic and foreign trade, especial emphasis being placed upon the marketing of goods and upon the relative merits of different commercial policies. The consular service, customs administration, and ocean transportation are also treated.

Prerequisites, Courses 1, 2.

5. Sociology. Text-books, readings, and lectures. First Semester: Tuesday, Thursday, Saturday, 10.30.

ASSISTANT PROFESSOR MCCLEAN

A study of social evolution and organization with a view to arriving at the laws of social progress: early forms and de-

velopment of industrial organization, marriage and the family, religion, government.

Elective for Juniors and Seniors.

6. Applied Sociology. Text-books, reports, conferences, and lectures. Second Semester: Tuesday, Thursday, Saturday, 10.30.

Assistant Professor McClean

Given in 1919-1920; to be omitted in 1920-1921.

A study of contemporary society, chiefly American, in the light of the laws of social progress. Certain typical modern social problems, such as poverty, crime, and immigration are considered with especial reference to systems of improvement.

Prerequisite, Course 5.

7. Principles of Accounting. Lectures, text-book, and reports. First Semester: Tuesday, Thursday, Saturday, 9.30.

Assistant Professor McClean

The principles and procedure of modern accounting as exemplified in the financial statements of business concerns. Such subjects as the following are considered; valuation of assets, good will, depreciation, sinking funds, surplus and reserves, profit and loss statements, etc.

Prerequisites, Courses 1, 2.

8. The Labor Problem. Lectures, readings, and discussions. Second Semester: Tuesday, Thursday, Saturday, 10.30.

Professor Catlin

A study of the rise of the factory system and modern capitalistic production with a critical analysis of the various solutions of the problem, attempted and proposed: trade unionism, coöperation, socialism, profit-sharing, scientific management, industrial education, and labor legislation.

Elective for Juniors and Seniors.

[9. Business Management. Text-books, lectures, conferences, and reports. First Semester: Tuesday, Thursday, Saturday, 10.30.]

Professor Catlin

Omitted in 1919-1920; to be given in 1920-1921.

Primary attention is given to the successful and efficient conduct of industrial enterprises. Subjects studied: factory

location, construction, and layout; power problems; hiring and firing; efficiency systems; purchasing and stores; office equipment and management. Each student is expected to visit and report upon one or more plants.

Elective for Juniors and Seniors who have passed Courses 1, 2.

[10. Business Corporations and Trusts. Text-books, reports, and lectures. Second Semester: Tuesday, Thursday, Saturday, 11.30.] Assistant Professor McClean

Omitted in 1919-1920; to be given in 1920-1921.

A study in business organization as revealed in these forms of enterprise. Among the subjects treated are: the evolution of the corporation, nature of corporate charters, methods of promotion and financing; the causes and bases of trusts, policies of trusts as to prices and wages, legal aspects of the trust problem.

Prerequisites, Courses 1, 2.

ENGLISH

Professors Mitchell, Davis, and Elliott

1. English Composition. First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30; Div. B, Tuesday, Friday, Saturday, 11.30, Thursday, 9.30; Div. C, Tuesday, Friday, 9.30, Thursday, Saturday, 8.30.

A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences; outside reading.

2. Continuation of Course 1. Second Semester: Div. A. Tuesday, Thursday, Saturday, 10.30; Div. B, Tuesday, Saturday, 11.30, Thursday, 9.30; Div. C, Tuesday, 9.30, Thursday, Saturday, 8.30. Professors Mitchell and Davis

A study of the theme as a whole, introductory to more extended practice in exposition, description, narration, and argumentation in advanced courses.

Required of Freshmen.

3. English Composition. First Semester: Tuesday, Thursday, Saturday, 11.30. Professor Davis

Practice in writing, with emphasis upon Argumentation; daily themes, brief and forensic. Frequent individual conferences, required readings.

Elective for Sophomores, Juniors, and Seniors.

4. Public Speaking. Second Semester: Div. A, Friday, 8.30; Div. B, Friday, 9.30; Div. C, Friday, 10.30; Div. D, Friday, 11.30. Professor Mitchell

Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by students and instructor; longer declamations, previously rehearsed to the instructor, spoken before the class.

Required of Freshmen.

5. Argumentation and Debating. First Semester: Tuesday evening, 7.00-9.30, Thursday afternoon, an hour by appointment.

Further study of Argumentation, especially as applied to formal debating. Study of principles, analysis of notable examples, practice in speaking, participation in actual debates; parliamentary procedure.

Prerequisites, Courses 1, 2, 3, 4.

[6. Advanced Public Speaking. Second Semester: at the same hours as Course 5.] Professor Davis

Omitted in 1919-1920; to be given in 1920-1921.

Vocational aspects of public speaking. Preparation and delivery of different kinds of public addresses; frequent exercises in extemporaneous speaking.

Elective for Seniors, and for Juniors who have passed Course 5.

[7. Literary Composition. Study of leading forms of literature, with practice in construction: Translation; Essay; Oration; Short Story; Drama; Verse. The final exercise of each subdivision is a general meeting of the six instructors and the students for criticism and discussion of results. First Semester: three hours a week at the convenience of instructors and students.]

[8. Continuation of Course 7. Second Semester: at the same hours as Course 7.]

Omitted in 1919-1920.

Courses 7, 8 are open to Juniors and Seniors selected by competition.

Literature

[10. English Essayists. Second Semester: Tuesday, Thursday, Saturday, 11.30.] PROFESSOR DAVIS

Omitted in 1919-1920; to be given in 1920-1921.

Elective for Juniors and Seniors, and for Sophomores who have passed Course 3.

[12. The English Novel. Second Semester: Tuesday, Thursday, Saturday, 11.30.] PROFESSOR DAVIS

Omitted in 1919-1920 and 1920-1921; to be given in 1921-1922.

Elective for Juniors and Seniors, and for Sophomores who have passed Course 3.

[13. English Literature before the Nineteenth Century. First Semester: Monday, Wednesday, 10.30, and conferences on Thursday and Friday mornings.]

For special study: Chaucer, Spenser, the development of the Drama, Shakespeare.

[14. Continuation of Course 13. Second Semester: at the same hours.] PROFESSOR ELLIOTT

Omitted in 1919-1920; to be given in 1920-1921.

For special study; Shakespeare continued, Milton, Pope, Swift, Burns.

15. English Literature of the Nineteenth Century. First Semester: Monday, Wednesday, 10.30, and conferences on Thursday and Friday mornings.

For special study; representative works of Wordsworth, Coleridge, Keats, Byron, Shelley, Browning, Emerson.

16. Continuation of Course 15. Second Semester: at the same hours. PROFESSOR ELLIOTT

Given in 1919-1920; to be omitted in 1920-1921.

For special study: representative works of Longfellow, and other American poets, Carlyle, Tennyson, Arnold, Swinburne, and certain recent authors.

Courses 13, 14 alternate with Courses 15, 16. Lectures, readings, and conferences.

Elective for Sophomores, Juniors, and Seniors.

Students majoring in English are required to take Courses 13, 14, 15, 16, and are urged to have had, or to take concurrently, the earlier history of England or Europe, and also two of the following languages: Latin, Greek, French, German, Italian. These students are advised to consult the instructor with the view of planning to take, at the proper time, such courses in other departments as will prepare for or supplement the courses they elect in English Literature.

17. Milton, and Shakespeare's Comedies. First Semester: Tuesday, Thursday, 2.30, and conferences on Friday.

18. Continuation of Course 17. Shakespeare's Tragedies. Second Semester: at the same hours. Professor Elliott

Given in 1919-1920; to be omitted in 1920-1921.

[19. Browning and Emerson. First Semester: Tuesday, Thursday, Friday, 2.30.]

[20. Carlyle, Tennyson, and recent poets. Second Semester: at the same hours.] Professor Elliott

Omitted in 1919-1920; to be given in 1920-1921.

Courses 17, 18 alternate with Courses 19, 20. Lectures, readings, conferences, written reports. Study of the individuality and development of selected authors, and of works more difficult, as a rule, than those considered in Courses 13, 14, 15, 16.

Courses 17, 18, 19, 20, are elective for those who have had courses 13, 14, 15, 16; and for others with the consent of the instructor.

FRENCH

Professor Brown and Assistant Professor Stone

1. Grammar, composition, and reading of simple texts. First Semester: Monday, Wednesday, Friday, 2.30.

2. Grammar, composition, and reading of modern prose. Second Semester: at the same hours.

Assistant Professor Stone

See page 65 for requirements in Modern Languages.

3. Reading and Composition. Oral Practice. First Semester: Div. A and B, Monday, Wednesday, Friday, 9.30; Div. C, 10.30.

4. Continuation of Course 3. Second Semester: at the same hours. Professor Brown and Assistant Professor Stone

Prerequisites, Courses 1, 2, or their equivalent.

5. Literature of the Seventeenth Century. Descartes, Pascal, Corneille, Racine, Molière, Boileau, La Fontaine, La Bruyère, Bossuet, Mme de Sévigné. First Semester: Div. A, Monday, Wednesday, Friday, 11.30; Div. B, 1.30.

6. Continuation of Course 5. Second Semester: at the same hours. Professor Brown

Given in 1919-1920; to be omitted in 1920-1921.

[7. Literature of the Eighteenth Century. Selections from the works of Lesage, l'Abbé Prévost, Montesquieu, Marivaux. First Semester: Monday, Wednesday, Friday, 11.30.]

[8. Continuation of Course 7. Selections from works of Voltaire, Rousseau, Beaumarchais. Second Semester: at the same hours.] Professor Brown

Omitted in 1919-1920; to be given in 1920-1921.

[9. Rapid reading of modern novels and plays. Composition. Oral practice. First Semester: Monday, Wednesday, Friday, 11.30.]

[10. Continuation of Course 9. Second Semester: at the same hours.] Professor Brown

Omitted in 1919-1920.

In courses 5, 6, 7, 8, 9, 10 one hour each week is devoted to advanced composition. They are elective for those who have passed Courses 3, 4; or who have received credit in Advanced French for admission.

GEOLOGY AND MINERALOGY

Professor Cram and Assistant Professor Meserve

Geology

1. Physical and Historical Geology. First Semester: Monday, Wednesday, Friday, 9.30.

2. Continuation of Course 1. Second Semester: at the same hours. ASSISTANT PROFESSOR MESERVE

Elective for Sophomores, Juniors, and Seniors.

Mineralogy

1. The identification, composition, properties, occurrence, and uses of the common minerals and rocks. Lectures and laboratory work. Second Semester: Tuesday, Thursday, Saturday, 8.30. PROFESSOR CRAM

Elective for Sophomores, Juniors, and Seniors who have passed Chemistry 1.

GERMAN

PROFESSOR HAM

1. Elementary German. First Semester: Monday, Wednesday, Friday, 8.30.

2. Continuation of Course 1. Second Semester: at the same hours.

See page 65 for requirements in Modern Languages.

3. Advanced German Composition and reading of short stories and scientific German. First Semester: Monday, Wednesday, Friday, 9.30.

4. Continuation of Course 3. Second Semester: at the same hours.

Elective for those who have passed Courses 1, 2 or their equivalent.

5. The Life and Works of Goethe. First Semester: Monday, Wednesday, Friday, 10.30.

6. Continuation of Course 5. Second Semester: at the same hours.

Prerequisites, Courses 3, 4.

GREEK

PROFESSOR WOODRUFF

A. Elementary Greek. Text-book: Allen's First Year of Greek. First Semester: four hours a week at the convenience of instructor and students.

B. Continuation of Course A, followed by Xenophon's Anabasis, with exercises in writing Greek. Second Semester: at the same hours.

The aim of these courses is to prepare the student, as well as the limit of time allows, for admission to Greek 1.

Elective for those who enter without Greek, but omitted whenever there are fewer than three applicants.

1. Homer. First Semester: Monday, Wednesday, Friday, 8.30, Tuesday, 1.30.

Selected books of the Odyssey are read in the original and the rest of the poem in translation. The aim of the course is to gain a clear conception of the poem as a whole, its contents, structure, and literary art.

2. Plato and Xenophon. Second Semester: at the same hours.

The work centers in the life, character, and influence of Socrates, and the reading includes the Apology and Crito entire and selected passages from the Phaedo and Symposium, and also from the Memorabilia of Xenophon.

3. Lyric Poetry. First Semester: Tuesday, Thursday, Saturday, 10.30.

The best Greek lyrics are read as a connecting link between the epic and the drama, with investigation of changing political, economic, and social conditions and of the relation of these changes to the new kinds of poetry.

Prerequisites, Courses 1, 2.

4. Dramatic Poetry. Second Semester: at the same hours.

While reading and translating selected plays of Euripides the student is helped to trace the development of tragedy from its origin in lyric poetry to its culmination under the Athenian democracy "as the final outcome of the Greek genius in poetry."

Prerequisite, Course 3.

5. Dramatic Poetry continued; or Oratory. First Semester: three hours a week at the convenience of instructor and students.

Selected plays of Sophocles and Aeschylus continue the work in tragedy, in alternation with Lysias and Demosthenes and the history of the development of Greek oratory.

6. Dramatic Poetry continued; or History. Second Semester: at the same hours.

It is the aim of this course to bring out the significance of the Old Comedy as a factor in Greek political and social life, as illustrated by selected plays of Aristophanes, in alternation with Thucydides and the study of the growth of Greek historical writing.

Courses 5, 6 may be elected for two successive years.

Prerequisite, Course 4.

7. Greek Literature in English Translation. Lectures and readings, conferences for informal discussion, and assignment of selected works for special study and written tests. First Semester: Tuesday, Thursday, Saturday, 9.30.

After a general introduction which includes a rapid review of the epic and lyric periods, the main work will be in the development of tragedy from choral lyric and the reading of the plays of Aeschylus and Sophocles.

8. Continuation of Course 7. Second Semester: at the same hours.

Selected plays of Euripides are read to complete the work in tragedy, followed by the Acharnians, Clouds, Birds, and Frogs of Aristophanes, in connection with the works of Plato that deal with the person of Socrates, the Memorabilia and Symposium of Xenophon, and Thucydides' History of the Sicilian Expedition.

For Courses 7, 8 no knowledge of the Greek language is necessary.

Elective for Juniors and Seniors.

HISTORY AND GOVERNMENT

PROFESSORS BELL, HORMELL, AND STANWOOD, AND ASSISTANT PROFESSOR VAN CLEVE

History

[1. History of Greek Civilization. First Semester: Monday, Wednesday, Friday, 1.30.]

[2. History of Roman Civilization. Second Semester: at the same hours.]

Omitted in 1919-1920.

While these courses are introductory to Courses 3, 4, 5, 6, they are not prerequisites for them. Weekly lectures, written recitations, and conferences with small groups of the class for the discussion of assigned topics.

Elective for Freshmen.

3. History of Europe to 1300. First Semester: Monday, Wednesday, Friday, 11.30.

4. History of Europe from 1300 to the Renaissance. Second Semester: at the same hours.

Professor Bell and Assistant Professor Van Cleve

[5. History of England to 1603. First Semester: Monday, Wednesday, Friday, 11.30.]

[6. History of England since 1603. Second Semester: at the same hours.]

Professor Bell and Assistant Professor Van Cleve

Courses 3, 4 form a consecutive course throughout the year, as do Courses 5, 6. They are given in alternate years. Lectures, text-book, collateral readings, conferences, and reports.

Elective for Sophomores, Juniors, and Seniors. Course 4 is elective only for those who have taken Course 3. Course 6 is elective for those who have taken Course 5, or Courses 3, 4.

7. History of Europe from 1815 to 1870. First Semester: Monday, Wednesday, Friday, 9.30.

8. History of Europe since 1870. Second Semester: at the same hours.

Professor Bell

Courses 7, 8 form a consecutive course throughout the year. They deal with the political and economic developments which have produced existing conditions in Europe and the expansion of European influence into Asia and Africa. Lectures, text-book, collateral readings, and conferences.

Elective for Juniors and Seniors.

Prerequisites, Courses 1, 2, or 3, 4, or 5, 6, or Government 1, 2.

9. History of the United States from the Revolution to 1850. First Semester: Monday, Wednesday, Friday, 10.30.

10. History of the United States since 1850. Second Semes-

ter: at the same hours. Assistant Professor Van Cleve

Elective for Juniors and Seniors.

Prerequisites, Courses 1, 2, or 3, 4, or 5, 6, or Government 1, 2.

Government

[1. American National Government. First Semester: Tuesday, Thursday, 1.30, and a conference hour to be assigned.]

[2. American State and Local Government. Second Semester: at the same hours.] Professor Hormell

Omitted in 1919-1920.

Courses 1, 2, form a consecutive course throughout the year. They serve as a foundation for the more advanced courses in history and government. A study is made of political institutions and problems.

Special training is given in the use of library materials. Lectures, text-book, assigned readings, reports, and conferences.

Elective for Freshmen and Sophomores.

1. Comparative European and American Governments. First Semester: Tuesday, Thursday, 1.30, and a conference hour to be assigned.

2. Continuation of Course 1. Second Semester: at the same hours. Professor Stanwood

Elective for all students who have not previously taken the courses listed in the catalogues of 1917-1918 and 1918-1919 as Government 1, 2, or a, b, c, or g, h.

[3. Municipal Government, with especial reference to American Municipal Problems. First Semester: Monday, Wednesday, Friday, 11.30.] Professor Hormell

Omitted in 1919-1920.

Course 3 is limited to ten Juniors and Seniors selected from those who have taken Government 1, 2, or 4.

[4. Constitution and Government of the United States. Second Semester: at the same hours.] Professor Hormell

Omitted in 1919-1920.

Course 4 includes a study of both the structure and the actual operation of the government under the constitution. Lectures, assigned readings, reports, and conferences with small groups of students.

Elective for Juniors and Seniors.

Prerequisites, Courses, 1, 2.

5. International Law. First Semester: Tuesday, Thursday, Saturday, 10.30.

6. Continuation of Course 5. Second Semester: at the same hours. PROFESSOR STANWOOD

The principles of International Law; followed by the functions and duties of ambassadors, embassy and consular officials; and also certain diplomatic controversies in which our Government has been engaged, illustrating the attitude of the United States toward various principles of the Laws of Nations.

Elective for Juniors and Seniors.

Prerequisites, History 1, 2, or 3, 4, or 5, 6, or Government 1, 2.

HYGIENE AND PHYSICAL TRAINING

PROFESSOR WHITTIER

Hygiene

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First Semester: Thursday, 2.30.

Each student receives a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a handbook containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

Required of Freshmen.

Physical Training

1. Required Athletics and Class Exercises. From the beginning of the First Semester to April: Monday, Wednesday, Thursday, 11.30.

Required Athletics: September to December. As far as possible students will be allowed to choose the branch of athletic sport to be followed. Among the athletic sports offered are: football, baseball, track athletics, tennis, and golf.

Class Exercises: December to April. Military drill, setting-up drill, and Indian club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights, and heavy gymnastics.

Required of Freshmen.

2. Exercises. December to April: Monday, Wednesday, Thursday, 3.30.

Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling.

Required of Sophomores.

3. Exercises. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Class exercises: fencing with single-sticks and broad-swords. Squad exercises: indoor athletics.

Required of Juniors.

4. Exercises. December to April: Monday, Wednesday, Friday, 4.30.

Class exercises: fencing with foils. Squad exercises: indoor athletics.

Required of Seniors.

ITALIAN

PROFESSOR BROWN

1. Elementary Course. Grammar, composition, and reading. First Semester: Monday, Wednesday, Friday, 10.30.

2. Continuation of Course 1. Selections from the prose and poetry of the Eighteenth and Nineteenth Centuries. Second Semester: at the same hours.

Elective for Sophomores, Juniors, and Seniors.

Credit not given for Course 1 unless Course 2 is taken.

[3. Dante, Petrarch, and Boccaccio. Selection from the Divine Comedy, the Sonnets, and the Decameron. First Semester: Monday, Wednesday, Friday, 10.30.]

[4. Continuation of Course 3. Second Semester: at the same hours.]

Omitted in 1919-1920; to be given in 1920-1921.

Prerequisites, Courses 1, 2.

LATIN

PRESIDENT SILLS AND DEAN NIXON

A. Selections from Ovid's Metamorphoses. Prose Composition. First Semester: Monday, Wednesday, Friday, 8.30, Tuesday, 2.30.

B. Selections from Virgil's Aeneid. Second Semester: at the same hours.

DEAN NIXON, with the assistance of a student instructor.

Required of all candidates for the degree of A.B. who have not received credit in Advanced Latin for admission.

1. Introduction to Latin Prose Literature. Selections from Livy, Cicero, and Pliny the Younger. First Semester: Tuesday, Thursday, Friday, Saturday, 10.30.

2. Introduction to Latin Poetry and Drama. Horace, selected Odes; Terence, one play; Plautus, one play. Second Semester: at the same hours. DEAN NIXON

Ordinarily Course 2 may not be taken by students who have not had Course 1.

Elective for Freshmen.

3. Plautus. Several comedies will be read with special attention to idiomatic translation and dramatic construction. First Semester: Tuesday, Thursday, Saturday, 8.30. DEAN NIXON

Prerequisites, Courses 1, 2.

4. Subject to be announced. Second Semester: Monday, Wednesday, Friday, 8.30.

The Sewall Latin Prize is annually awarded to the Sophomore who passes the best examination in this course.

5. Lucretius. The De Rerum Natura. First Semester: Monday, Wednesday, Friday, 10.30. PRESIDENT SILLS

Elective for Seniors and Juniors.

Prerequisite, Course 4.

6. Seneca, Selected Letters and De Clementia; Apuleius, Cupid and Psyche; Petronius, Trimalchio's Dinner; Quintilian,

Selections. Second Semester: three hours a week at the convenience of instructor and students. Dean Nixon

Prerequisite, Course 5.

LITERATURE

President Sills

1. Comparative Literature. The Influence of the Classics on Later Literatures, particularly English Literature. First Semester: Monday, Wednesday, Friday, 11.30.

2. Continuation of Course 1. Second Semester: at the same hours.

Elective for Juniors and Seniors.

MATHEMATICS

Professor Moody and Assistant Professor Nowlan

1 and 2. Algebra, Trigonometry, and Analytic Geometry. Both Semesters: Monday, Tuesday, Wednesday, Friday. Divisions A and C, 8.30; Divisions B and D, 9.30.

Professor Moody and Assistant Professor Nowlan

Graphic methods, and selected topics from algebra, trigonometry, and elementary analytic geometry.

3. Analytic Geometry and Calculus. First Semester: Monday, Wednesday, Friday, 11.30. Professor Moody

4. Calculus. Second Semester: Monday, Wednesday, Friday, 11.30. Professor Moody

Selected topics in differential and integral calculus.

Prerequisites, Courses 1 and 2.

5 and 6. Calculus and Differential Equations. Text-book, with lectures and collateral reading. Both Semesters: Monday, Wednesday, Friday, 11.30 Assistant Professor Nowlan

Prerequisites, Courses 1, 2, 3, 4, or their equivalents.

[7. Differential Equations. Standard methods of solving ordinary differential equations, with applications to geometry, me-

chanics, and physics. First Semester: three hours a week, at the convenience of instructor and students.]

Omitted in 1919-1920.

[8. Modern Methods in Pure and Analytic Geometry. Second Semester: three hours a week, at the convenience of instructor and students.] PROFESSOR MOODY

Omitted in 1919-1920.

9. Solid Geometry. First Semester: three hours a week, at the convenience of instructor and students.

PROFESSOR MOODY AND ASSISTANT PROFESSOR NOWLAN

Elective for those who have not received credit for solid geometry.

10. Spherical Trigonometry. Second Semester: three hours a week, at the convenience of instructor and students.

PROFESSOR MOODY

Elective for those who have taken plane trigonometry.

MUSIC

ASSISTANT PROFESSOR WASS

1. Music as an Art. First Semester: Tuesday, Thursday, Saturday, 8.30.

A general study of the development of the Art of Music, preparing one to understand and appreciate musical performances. Sound, musical sound, notation, rhythm, melody, harmony—their evolution and application to modern music. History of music, study of the great composers, their lives, works, and influence upon the development of modern music. Frequent tests by written papers on assigned topics. No technical preparation requisite for this course.

Elective for Sophomores, Juniors, and Seniors.

2. Continuation of Course 1. Second Semester: at the same hours.

Musical appreciation and history, "advanced." Elements of Theory. Study of musical forms from listeners' standpoint. Assigned readings, oral tests, and written reports.

Prerequisite, Course 1.

3. Elementary Harmony. First Semester: Tuesday, Thursday, Saturday, 11.30.

Systematic study of intervals and chords, and their correct and effective use in four part harmony. Harmonization of melodies. Daily written exercises, based on Foote and Spalding's Harmony. Knowledge of notation necessary.

Elective for Sophomores, Juniors, and Seniors. Courses 1, 2 not prerequisite.

4. Advanced Harmony; Elementary Counterpoint. Second Semester: at the same hours.

Lectures and practical work. Collateral reading on history and biography. Study of musical forms with analysis. Study of evolution of music from the primitive folk-song to the symphony of Beethoven. Study of the clefs. Orchestral instruments. Ability to play four part harmony,—like hymn tune,—necessary.

Prerequisite, Course 3.

5. Counterpoint. First Semester: Tuesday, Thursday, Saturday, 10.30.

Lectures and practical work based on Spalding's Manual. Collateral reading on biography and theory. Study of contrapuntal works of the Masters with automatic instruments.

Elective for those who have passed Course 4 with a grade of B, or higher.

6. Continuation of Course 5. Advanced Counterpoint. Second Semester: at the same hours.

Prerequisite, Course 5.

Chorus and Orchestra Classes.

Voluntary classes, meeting once a week during the Second Semester, designed to give all who sing, or play some instrument, an opportunity for practice and development in good music.

PHILOSOPHY

The courses in Philosophy are omitted during the First Semester. It is hoped they may be offered the Second Semester.

PHYSICS

PROFESSOR HUTCHINS AND MR. LITTLE

1. General Physics. Lectures and laboratory work. First Semester: Monday, Wednesday, Friday, 8.30. Laboratory work two consecutive hours on Thursday, Friday, or Saturday.

2. Continuation of Course 1. Second Semester: at the same hours. MR. LITTLE

Text-book: Kimball's College Physics.

Credit not given for Course 1 unless Course 2 is taken.

3. Mechanics, Thermodynamics, and the Theory of Heat Engines. Lectures, recitations, and laboratory work. First Semester: Monday, Wednesday, 1.30. Laboratory work four consecutive hours on Monday, Tuesday, or Wednesday.

4. Continuation of Course 3. Second Semester: at the same hours. MR. LITTLE

Text and reference books: Franklin and MacNutt's Elements of Mechanics; Ferry and Jones' Practical Physics, Vol. 1; Reeve's Thermodynamics of Heat Engines; Ennis' Applied Thermodynamics.

Prerequisites, Courses 1, 2, or their equivalent, and Mathematics, 1, 2. Students taking Physics 3, 4 should have taken or should be taking Mathematics 3, 4.

5. Magnetism and Electricity. First Semester: Monday, Wednesday, Friday, 1.30-3.30.

6. Continuation of Course 5. Second Semester: at the same hours. PROFESSOR HUTCHINS

Given in 1919-1920; to be omitted in 1920-1921.

This course is designed to supply such a range of general knowledge as is desirable for students before they begin to specialize in electrical engineering; and at the same time to supply laboratory training in making all ordinary electrical measurements. Text-book: Brooks and Poyser's Magnetism and Electricity.

Prerequisites, Courses 3, 4.

[7. Molecular Physics and Heat. Lectures and laboratory work. Text-book: Edser's Heat for Advanced Students. First Semester: Monday, Wednesday, Friday, 1.30-3.30.]

[8. Continuation of Course 7. Light. Text-book: Edser's Light. Second Semester: at the same hours.]

PROFESSOR HUTCHINS

Omitted in 1919-1920; to be given in 1920-1921.
Prerequisites, Courses 3, 4.

PSYCHOLOGY

PROFESSOR BURNETT

1. General Psychology. First Semester: Tuesday, Thursday, Saturday, 8.30.

2. Continuation of Course 1. Second Semester: at the same hours.

The aim of these courses is to acquaint the student with the facts and the laws of the mind. Emphasis is laid upon those topics which are most intimately connected with practical life, and a knowledge of which is highly important for a man of liberal education. The subject-matter is treated from the point of view of natural science. Emphasis is laid upon developing in the student skill to use Psychology for interpreting the events of life and for accomplishing its business. A part of the time is devoted to experimental work.

Elective for Sophomores, Juniors, and Seniors.
Credit not given for Course 1 unless Course 2 is taken.

3. Abnormal Psychology. First Semester: Tuesday, Thursday, Saturday, 9.30.

This course considers the abnormal facts of mental life, such as insanity, hypnotism, hysteria, and multiple personality for the light these throw on borderland states in every man's life. The emphasis is thus on the slightly abnormal phenomena of every day, which interfere with a man's full mental efficiency for work and enjoyment.

Prerequisites, Courses 1, 2.

4. Social Psychology. Second Semester: at the same hours.

This course deals with the effect of social conditions on mental life. It inquires into the psychology of human social groups of all sorts, such as nations, legislatures, committees, crowds, publics, unions, associations, etc., and into the operations of group mind revealed in customs, conventions, fashions, institutions, religions, myths, art, and language. It

tries to answer the question: How and why does a man, when aware of belonging to a group, behave and think and feel otherwise—sometimes better, sometimes worse—than when not aware of that group relationship? Considerable time in the latter part of the course is devoted to special studies by the students in the nature and occurrence of special instances of social psychoses and in ways of their practical utilization in the business of life, such as politics, trade, social reform, etc.

Prerequisites, Courses 1, 2.

5. Experimental Psychology. First Semester: Tuesday, Thursday, 1.30-4.30.

The object of this course is training in methods of investigation, in the discovery and reliance upon experimental evidence, with especial reference to the particular application to the science of Psychology. The experimental problems chosen to this end deal with working out and applying tests of mental capacity.

Prerequisites, Courses 1, 2.

6. Continuation of Course 5. Second Semester: at the same hours.

Under certain circumstances this work may be continued for another year.

RUSSIAN

Professor Ham

1. Grammar, composition, and reading. First Semester: hours to be arranged.

2. Continuation of Course 1. Second Semester: hours to be arranged.

Elective for Sophomores, Juniors, and Seniors.

SPANISH

Professor Ham and Assistant Professor Stone

1. Elementary Spanish. Grammar, composition, and reading. First Semester: Monday, Wednesday, Friday, 2.30.

2. Continuation of Course 1. Second Semester: at the same hours. Professor Ham

Elective for all students.

Credit not given for Course 1 unless Course 2 is passed.

3. Advanced Spanish. Reading and composition. First Semester: Monday, Wednesday, Friday, 1.30.

4. Continuation of Course 3. Second Semester: at the same hours. ASSISTANT PROFESSOR STONE

SURVEYING

ASSISTANT PROFESSOR NOWLAN

1. Surveying. First Semester: Monday, Wednesday, Friday, 1.30-3.30.

2. Continuation of Course 1. Second Semester: at the same hours.

Prerequisite, Trigonometry.

COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work of the first year of the Medical School is accepted in place of the required courses of the Senior year in the College.

Students intending to avail themselves of this privilege are required to register in the College at the opening of the college year. They will then be excused from further attendance until the opening of the Medical School.

MEDICAL PREPARATORY COURSE

A course, not leading to a degree, has been established for students intending to study medicine.

The entrance requirements are the same as for the academic courses.

Students entering this course are required to make affirmation of their purpose to pursue their medical studies after completing the course, with a statement from parent or guardian to that effect, and with the understanding that change to regular stand-

ing in the College will be made only by special vote of the Faculty.

Students in this course are required to take: *First year:* Chemistry 1, 2; English 1, 2, 4; Hygiene; Zoölogy 1, 2, Physics 1, 2. *Second Year:* Chemistry 3, 6; Zoölogy 3, 4, French or German; and one elective.

Lectures

ANNIE TALBOT COLE LECTURESHIP

This lectureship was founded by Mrs. Calista Mayhew, of South Orange, N. J., in memory of her niece, Mrs. Samuel Valentine Cole, of Norton, Mass. The incumbent, appointed for one year, gives a series of lectures before the College. These lectures are open to the public. According to the provision of the donor, this lectureship is to "aim at contributing to the ennoblement and enrichment of life by standing for the idea that life is a glad opportunity. It shall, therefore, exhibit and endeavor to make attractive the highest ideals of character and conduct, and also, in so far as possible, foster an appreciation of the beautiful as revealed through nature, poetry, music, and the fine arts."

BENJAMIN APTHORP GOULD FULLER LECTURESHIP

This lectureship founded in 1911 in memory of Benjamin Apthorp Gould Fuller, A.M., of the Class of 1839, provides for instruction in Social Hygiene.

Resources and Equipment

RESOURCES

The interest bearing funds of Bowdoin College, including $190,000.00 belonging to the Medical School, at the close of each fiscal year, for the last six years were as follows:

Mar. 31, 1914,	$2,263,717.80	Mar. 31, 1917,	$2,473,451.63
Mar. 31, 1915,	2,264,034.14	Mar. 30, 1918,	2,612,279.16
Mar. 31, 1916,	2,460,084.47	Mar. 30, 1919,	2,631,012.02

The estimated value of the college buildings and equipment as carried on the books of the Treasurer is $1,227,188.85.

THE COLLEGE BUILDINGS

There are sixteen college buildings: Massachusetts Hall, the administrative building; Maine Hall, Winthrop Hall, Appleton Hall, and William DeWitt Hyde Hall, the dormitories; the Chapel; Seth Adams Hall and Memorial Hall, recitation buildings; the Sargent Gymnasium, now used in part for the Bowdoin Union and in part for the central heating and lighting plant; the Observatory; the Walker Art Building; the Mary Frances Searles Science Building; Hubbard Hall, the library building; the Hubbard Grand-Stand and athletic quarters; the Gymnasium and General Thomas Worcester Hyde Athletic Building; and the Dudley Coe Memorial Infirmary.

These buildings and their equipment are described and illustrated in a pamphlet which will be sent gratis upon application to the Dean.

Administration of the College

TERMS AND VACATIONS

The Academic Year is divided into two Semesters, or terms, of equal length. Commencement Day is the Thursday after the third Monday in June. The Summer Vacation of thirteen weeks follows Commencement Day. There are two periods of vacation during the year; the first, a recess of about ten days including Christmas and New Year's; the second, the Easter recess of ten days beginning on Friday before the first day of April, and continuing until Tuesday of the week following the first day of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Patriots' Day, Memorial Day, and Ivy Day.

REGISTRATION

All students are required to register on the first day of each Semester, except that Freshmen on entering college are required to register on Wednesday afternoon preceding the opening of the academic year. A fee of two dollars is charged for registration after the opening day.

COLLEGE BILLS

Bills, containing college charges, are mailed to the parent or guardian of each student at the close of each Semester; these bills become payable at once.

No student will be advanced in class standing until all the dues of the previous year have been paid; and no degrees will be conferred upon students who have not paid all their dues to the College.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

During the time that term bills which are overdue remain unpaid a student receives no credit for college work.

EXPENSES

Tuition.—The Tuition fee in the College is $125.00 a year. Any student completing the number of courses required for a degree in less than four years will be required to pay full tuition for four years.

Rooms.—Rooms, including heat and care, in the college dormitories may be rented at prices varying from $72.00 to $175.00 a year. The price may be halved if the room is shared with another student, as is usually the case. Electric lights are furnished at the rate of $6.00 per 25-watt lamp a year. None of the college rooms are furnished. Application for rooms should be made to the Treasurer.

Board.—Board at the Fraternity houses and at other places in the town varies from $6.50 to $7.50 a week. The College conducts no common dining-room.

No attempt is made to estimate such expenses as furniture, traveling expenses, class dues, athletic subscriptions, and fraternity fees, since the taste and character of individual students vary to such a degree that all such estimates are of little value.

A pamphlet on expenses, scholarship aid, and self-help has been prepared, which will be sent gratis on application to the Dean.

FEES FOR EXTRA COURSES

The payment of fees for extra courses is regulated by the following provisions:

(1) The sum of seven dollars and a half ($7.50) is charged for each extra course (except as provided in 4, below), the same to be paid in advance and to be rebated at the close of the Semester in which the course is taken, provided the four regular courses and the extra course be passed, and the extra course be not taken to remove a condition previously incurred in that subject or substituted for a condition in some other subject. (2) Such charges are remitted in the case of Seniors who need said course or courses to complete their work for graduation.

(3) Courses repeated for the removal of a condition and courses substituted for such conditions are regarded as extra courses. (4) For Hygiene and English 4, the charge is pro rata whenever these subjects are in question under the preceding provisions.

ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily college prayers which are held on each week day at 8.20 A.M., and on Sunday at 5 P.M.

EXAMINATIONS

The regular examinations of the College are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the Dean has power to suspend the action of this rule.

RANK

The rank of a student in each course is computed on a scale of 10, but is preserved on the college records in the letters A, B, C, D, and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7; E, a rank lower than 6, and a condition.

REPORTS OF STANDING

A report of the rank of each student is sent to his parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from chapel.

REQUIREMENTS FOR DEGREES

In order to be recommended for the degree of Bachelor of Arts or Bachelor of Science, a candidate must have been at least one year in residence at Bowdoin College and must have passed thirty-four courses,—a course is a subject pursued for one Semester,—together with English 4, Hygiene, and four courses in Physical Training. He must, moreover, have attained a grade of C or higher in half his courses.

In accordance with a vote of the Boards passed in 1916, upon recommendation of the Faculty, the degree of Master of Arts, in course, is no longer conferred.

DEGREES WITH DISTINCTION

The Degree of Bachelor of Arts or Bachelor of Science with Distinction is awarded in three grades:

Cum Laude. A candidate is recommended for a degree *cum laude* who has obtained a grade of A or B in seven-eighths of his courses.

Magna cum Laude. A candidate is recommended for a degree *magna cum laude* who has obtained a grade of A in three-fourths, and B in another eighth of his courses.

Summa cum Laude. A candidate is recommended for a degree *summa cum laude* who has obtained a grade of A in seven-eighths of his courses. A candidate for a degree *summa cum laude* must have been in residence at Bowdoin College at least three years.

RELIGIOUS EXERCISES

Prayers are held each morning except Sunday in the college Chapel, and a vesper service is held on Sunday. All students are required to be present. From time to time during the year prominent clergymen of various denominations come to Brunswick to preach at the College.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is an undenominational student organization, membership in which is open to every undergraduate. It stands definitely for a life governed by the principles of Christ as interpreted to meet the needs of college students. The Association conducts many lines of work. Occasional meetings are addressed by prominent business and professional men. The college preachers often meet the undergraduates informally, on the Sunday evenings of their visits.

BOARD OF PROCTORS

The maintenance of order in the dormintories and the responsibility for their proper care are vested in a Board of Proctors. The members for the year 1919-1920 are:

The DEAN, *Chairman*

Lewis Woodbridge Brown	Paul Venner Mason
Willard Morse Cook	Roland Hall Peacock
Edward Horace Ellms	Avard Leroy Richan
Leland Matthew Goodrich	Emerson Walter Zeitler

STUDENT COUNCIL

The Student Council is composed of ten members from the Senior class and two from the Junior class elected annually by the undergraduates. In matters pertaining to student affairs it makes recommendations to the student body, and occasionally to the Faculty. The members for the year 1919-1920 are:

Emerson Walter Zeitler, *President*
Robert Earle Cleaves, Jr., *Secretary*

Lewis Woodbridge Brown	Paul Venner Mason
Willard Morse Cook	Avard Leroy Richan
Archie Oliver Dostie	Paul Webster Smith
Edward Horace Ellms	Samuel Cummings Buker
Richard Kenneth McWilliams	Philip Robinson Lovell

ATHLETIC COUNCIL

The athletic interests of the College are regulated by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the College, and five each from the alumni and student bodies. The members for the year 1919-1920 are as follows:

Alumni	*Students*
Donald Cameron White	Ernest Agnew Allen
Lyman Abbott Cousens	Robert Earle Cleaves, Jr.
Robert Knight Eaton	Archie Oliver Dostie
Joseph Blake Drummond	George Russell Goodwin
Luther Dana	Waldo Raymond Flinn

Faculty

Professor Frank Nathaniel Whittier
Dean Paul Nixon

BOWDOIN UNION

The Bowdoin Union is designed as a general gathering place for all students of the College. There are three rooms comfortably equipped for class meetings, rehearsals, and general recreation. The large central lounging room is specially adorned by a fourteen-foot fireplace, given in memory of Richard A. Lee, John F. Morrison, and James B. Lamb, of the Class of 1908, all of whom died while students in college. One of the remaining rooms is used as a reading room, and is well supplied with daily newspapers and magazines. All three rooms can be thrown into one to accommodate large assemblies.

FRATERNITY LIFE

The students of the College have divided themselves into groups for the purposes of social and personal relations. Ten of these groups are chapters of national Greek-letter societies.

MEDICAL ATTENDANCE

A fund of $1,000, given by Mr. and Mrs. George F. Godfrey, of Bangor, in memory of their son, Henry Prentiss Godfrey, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician, Dr. Whittier, whose office is in the Gymnasium.

DUDLEY COE MEMORIAL INFIRMARY

The Dudley Coe Memorial Infirmary, completed in 1917, and endowed by the donor with a sum ample for all running expenses including resident attendants, is a gift of Dr. Thomas Upham Coe, of the Class of 1857, in memory of his son. It is fifty-eight feet in length and thirty-eight feet in width, and has three stories and a basement. It is entirely fireproof.

The basement contains a dining room, kitchen, laundry, furnace room, and janitor's room.

The first floor contains the reception hall, physician's office, operating room, sterilizing room, nurse-matron's rooms, two wards of two beds each, and bath rooms.

The second floor is designed especially for the care of contagious diseases and contains two hospital units; each unit comprising two wards of two beds each, duty room, diet kitchen, and bath room. These units are so arranged that they can be isolated. There are also a physician's room and a sterilizing room on this floor.

The third floor contains rooms for the nurses connected with the infectious wards, rooms for maids, a solarium, and a storeroom.

Scholarships

More than $13,000 is distributed annually in the form of scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished by the Treasurer of the College. They must be made out anew each year, signed by both the student and his parent or guardian, and deposited in the Treasurer's office before November 15th.

SUMMARY

Name (with Date of Foundation)		Donor or Source	Amount
Lawrence Foundation	(1847)	Mrs. Amos Lawrence	$6,000
James Olcott Brown, '56	(1865)	John B. Brown	4,000
Alfred Johnson	(1870)	Alfred Waldo Johnson, '45	3,000
William B. Sewall	(1870)	Mrs. William B. Sewall	1,000
Stephen Sewall	(1871)	Stephen Sewall	1,000
Shepley	(1871)	Ether Shepley	1,000
Mary L. Savage	(1872)	William T. Savage, '33	1,000
And Emerson	(1875)	And Emerson	7,040
Benjamin Delano	(1877)	Benjamin Delano	1,000

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

Mary Cleaves	(1871)	Mary Cleaves	1,000
John C. Dodge, '34	(1872)	John C. Dodge, '34	1,000
Nelson Perley Cram, '61	(1872)	Marshall Cram	1,000
Charles Dummer, '14	(1874)	Mrs. Charles Dummer	6,000
Buxton	(1875)	Cyrus Woodman, '36	4,793
Justus Charles	(1875)	Justus Charles	9,747
William W. Thomas, '60	(1875)	William W. Thomas, '60	6,000
Elias D. Pierce	(1878)	Mrs. Lydia Pierce	1,000
George W. Field, '37	(1881)	George W. Field, '37	4,000
William A. Blake, '73	(1882)	Mrs. Noah Woods	4,000
Moses R. Ludwig and Albert F. Thomas	(1884)	Mrs. Hannah C. Ludwig	920
James Means, '33	(1885)	William G. Means	2,000
Huldah Whitmore	(1887)	William G. Barrows, '39	5,000
Nathaniel M. Whitmore, '54, and George S. Whitmore, '56	(1887)	Mrs. Mary J. Whitmore	2,000
George Franklin Bourne	(1887)	Mrs. Narcissa S. Bourne	1,000
Amos D. Lockwood	(1888)	Mrs. Sarah F. Lockwood	1,000
William Little Gerrish, '64	(1890)	Frederic H. Gerrish, '66	1,000
Garcelon and Merritt	(1891)		

The sum of $1,000 annually from the income of this fund.

Cyrus Woodman, '36	(1891)	Cyrus Woodman, '36	42,195
Joseph N. Fiske	(1896)	Mrs. Joseph N. Fiske	1,000
Joseph Lambert	(1896)	Mrs. Ann E. Lambert	1,000
Crosby Stuart Noyes	(1897)	Crosby S. Noyes	4,000
Henry T. Cheever, '34	(1897)	Henry T. Cheever, '34	500

Moses M. Butler, '45	(1902)	Mrs. Moses M. Butler	10,000
Stanwood Alexander	(1902)	DeAlva S. Alexander, '70	2,500
John Prescott Webber, Jr., '03	(1902)	John P. Webber	2,500
Ellen J. Whitmore	(1902)	Ellen J. Whitmore	2,000
Cyrus Woodman, '36	(1902)	Miss Mary Woodman	4,504
William LawSymonds, '54	(1902)	Mr. Symonds' family	3,000
Class of 1872	(1902)	Class of 1872	2,500
Charles M. Cumston, '43	(1903)	Charles M. Cumston, '43	24,101
Albion Howe, '61	(1903)	Lucian Howe, '70	1,482
Class of 1881	(1907)	Class of 1881	2,000
Richard Almy Lee, '08	(1908)	Mrs. Leslie A. Lee	

This scholarship provides for the tuition of one student.

Annie E. Purinton	(1908)	Mrs. D. Webster King	5,000
George P. Davenport, '67	(1908)	George P. Davenport, 67	610
Joseph E. Merrill, '54	(1908)	Joseph E. Merrill, '54	

The sum of $4,000 annually from the income of this fund.

Edward H. Newbegin, '91	(1909)	Henry Newbegin, '57	1,500
Richard Woodhull, '27	(1911)	Mrs. Mary E. W. Perry	10,000
Dana Estes	(1911)	Dana Estes	2,500
Edward F. Moody, '03	(1911)	Miss Inez A. Blanchard	2,071
Class of 1903	(1913)	Class of 1903	2,508
George Gannett, '42	(1913)	Mrs. George Gannett	6,000
Hugh J. Chisholm	(1914)	Mrs. Hugh J. Chisholm	5,000
Ephraim C. Cummings, '53	(1914)	Mrs. Ephraim C. Cummings	3,000
Edward A. Drummond	(1914)	Edward A. Drummond	5,000
John F. Hartley, '29	(1914)	Frank Hartley	15,000
Charles F. Libby, '64	(1915)	Charles F. Libby, '64	3,000
Benjamin A. G. Fuller, '39	(1915)	Mrs. John S. Cobb	3,800
John P. Hale, '27	(1916)	Mrs. John P. Hale and Mrs. Elizabeth H. Jacques	3,500
Class of 1896	(1916)	Class of 1896	2,100
Roland M. Peck, '70	(1917)	Anna Aurilla Peck	1,000
Howard R. Ives, '98	(1917)	Friends of Mr. Ives	1,715
George C. Lovell	(1917)	Mrs. George C. Lovell	2,500
Class of 1892	(1917)	Class of 1892	1,500
Dennis M. Bangs, '91	(1917)	Mrs. Hadassah J. Bangs	4,900
Sylvester B. Carter, '66	(1918)	Sylvester B. Carter, '66	2,375
Ellis Spear, '58	(1918)	Ellis Spear, '58	10,000
Weston Lewis, '72	(1919)	Mrs. Weston Lewis	15,000
Stanley Plummer, '67	(1919)	Stanley Plummer, '67	2,000

Terms of Foundation and Award

Lawrence Foundation. A fund of $6,000, given by Mrs. Amos Lawrence of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritori-

ous students who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass. (1847)

Brown Memorial Scholarships. A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. Brown of Portland, in memory of his son, James Olcott Brown, A.M., of the Class of 1856 According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year. (1865)

Alfred Johnson Scholarships. Three scholarships of $1,000 each founded by Alfred Waldo Johnson of Belfast, of the Class of 1845, in memory of his grandfather, Rev. Alfred Johnson, and his father, Hon. Alfred Johnson. (1870)

William B. Sewall Scholarship. A scholarship of $1,000 founded by Mrs. Maria M. Sewall, in memory of her husband, William B. Sewall, Esq. (1870)

Stephen Sewall Scholarship. A scholarship of $1.000 given by Deacon Stephen Sewall of Winthrop. (1871)

Shepley Scholarship. A fund of $1,000, given by Hon. Ether Shepley, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine. (1871)

Mary L. Savage Memorial Scholarship. A scholarship of $1,000, founded by Rev. William T. Savage, D.D., of Quincy, Ill., in memory of his wife, Mary L. Savage. (1872)

And Emerson Scholarships. A fund amounting to $7,040, given by And Emerson, Esq., of Boston, through Rev. Edwin Bonaparte Webb, D.D. (1875)

Benjamin Delano Scholarship. A scholarship of $1,000, bequeathed by Captain Benjamin Delano of Bath. (1877)

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

Mary Cleaves Scholarships. Three scholarships of $1,000 each, founded by the will of Miss Mary Cleaves. (1871)

John C. Dodge Scholarship. A fund of $1,000, given by

Hon. John C. Dodge, LL.D., of the Class of 1834. (1872)

Cram Memorial Scholarship. A scholarship of $1,000, founded by Hon. Marshall Cram of Brunswick, in memory of his son, Nelson Perley Cram, of the Class of 1861, who lost his life in the service of his country. (1872)

Charles Dummer Scholarships. A fund of $6,000, given by Mrs. Almira C. Dummer, in memory of her husband, Charles Dummer, A.M., who was for many years a member of the Board of Overseers. (1874)

Buxton Scholarship. A fund at present amounting to $4,793, contributed by Cyrus Woodman, Esq., of Cambridge, Mass., to aid deserving students, preference being given to natives and residents of Buxton. (1875)

Justus Charles Fund. A fund now amounting to $9,747, established by the will of Justus Charles of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy. (1875)

W. W. Thomas Scholarships. Six scholarships of $1,000 each, founded by Hon. W. W. Thomas, LL.D., of the Class of 1860, to be awarded under certain conditions. (1875)

Pierce Scholarship. A scholarship of $1,000, bequeathed by Mrs. Lydia Pierce of Brunswick, in memory of her son, Elias D. Pierce. (1878)

G. W. Field Scholarships. Two scholarships of $2,000 each given by Rev. George W. Field, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School. (1881)

Blake Scholarship. A fund of $4,000, bequeathed by Mrs. Noah Woods, of Bangor, in memory of her son, William A. Blake, of the Class of 1873. (1882)

Moses R. Ludwig and Albert F. Thomas Scholarship. Founded by Mrs. Hannah C. Ludwig of Thomaston. (1884)

James Means Scholarship. A scholarship of $2,000, given by William G. Means, Esq., of Andover, Mass., in memory of

his brother, Rev. James Means, of the Class of 1833, who died in the service of his country. (1885)

Huldah Whitmore Scholarships. Two scholarships of $2,500 each, given by Hon. William Griswold Barrows, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions. (1887)

Nathaniel McLellan Whitmore Scholarship and George Sidney Whitmore Scholarship. Two scholarships of $1,000 each, given by Mrs. Mary J. Whitmore, in memory of her sons, Nathaniel McLellan Whitmore, of the Class of 1854, and George Sidney Whitmore, of the Class of 1856. (1887)

George Franklin Bourne Scholarship. A scholarship of $1,000, given by Mrs. Narcissa Sewall Bourne, of Winthrop. (1887)

Lockwood Scholarship. A scholarship of $1,000, established by Mrs. Sarah F. Lockwood, in memory of Hon. Amos DeForest Lockwood, a former treasurer of the College. (1888)

William Little Gerrish Scholarship. A scholarship of $1,000, given by Frederic H. Gerrish, M.D., LL.D., of the Class of 1866, in memory of his brother, William Little Gerrish, of the Class of 1864. (1890)

Garcelon and Merritt Fund. The sum of $1,000 from the income of the Garcelon and Merritt Fund is appropriated for the aid of worthy students. (1891)

Cyrus Woodman Trust Fund. A fund, now amounting to $42,195, established by Cyrus Woodman, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships. (1891)

Joseph N. Fiske Scholarship. A scholarship of $1,000, given by Mrs. Charlotte M. Fiske, of Boston, in memory of her husband. (1896)

Joseph Lambert Fund. A bequest of $1,000 by Mrs. Ann E. Lambert, of Jamaica Plain, Mass. (1896)

Crosby Stuart Noyes Scholarships. Two scholarships of $2,000 each, established by Crosby S. Noyes, A.M., of Washington, D. C. In awarding these, preference is to be given to

natives or residents of Minot. (1897)

Henry T. Cheever Scholarship. A scholarship of $500, given by Rev. Henry T. Cheever, D.D., of the Class of 1834, to be awarded by the President under certain conditions. (1897)

Moses M. Butler Scholarships. A fund of $10,000, given by Mrs. Olive M. Butler, of Portland, in memory of her husband, Moses M. Butler, of the Class of 1845, to establish four scholarships. (1902)

Stanwood Alexander Scholarship. A scholarship of $2,500, given by Hon. DeAlva S. Alexander, LL.D., of Buffalo, N. Y., of the Class of 1870, in memory of his father, Stanwood Alexander, of Richmond, Maine, to be awarded under certain conditions. (1902)

John Prescott Webber, Jr., Scholarship. A sum of $2,500, given by John P. Webber, Esq., of Boston, Mass., in memory of his son, John Prescott Webber, Jr., of the Class of 1903. (1902)

Ellen J. Whitmore Scholarship. A scholarship of $2,000, given by Miss Ellen J. Whitmore, of Brunswick. (1902)

Cyrus Woodman Scholarships. A fund now amounting to $4,504, given by Miss Mary Woodman, of Cambridge, Mass., to establish one or more scholarships in memory of her father. (1902)

William Law Symonds Scholarship. A fund of $3,000, founded by his family in memory of William Law Symonds, of the Class of 1854, the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature. (1902)

Class of 1872 Scholarship. A fund of $2,500, given by the Class of 1872. (1902)

Charles M. Cumston Scholarship. A fund of $24,101, given by Charles McLaughlin Cumston, LL.D., of the Class of 1843, the income to be given preferably to graduates of the English High School of Boston. (1903)

Albion Howe Memorial Loan Fund. A sum of $1,482, given by Lucian Howe, M.D., Sc.D., of the Class of 1870, of Buffalo,

N. Y., for the establishment of a loan fund in memory of his brother, Albion Howe, of the Class of 1861. (1903)

Class of 1881 Scholarship. A fund of $2,000, given by the Class of 1881. (1907)

Richard Almy Lee Scholarship. A scholarship providing for the tuition of one student. Established by Elizabeth Almy Lee in memory of her son, a Senior of the Class of 1908, who, with his friend and companion, John Franklin Morrison, of the same class, lost his life, July 9, 1907, while on a pleasure cruise along the coast. In making the award preference will be shown to the Beta Theta Pi Fraternity. (1908)

Annie E. Purinton Scholarship. A fund of $5,000, given by Mrs. D. Webster King in memory of her sister, Miss Annie E. Purinton, for the establishment of a scholarship "the income thereof to be used to assist some deserving student through his college course, preference being given to a Topsham or Brunswick boy." (1908)

George P. Davenport Loan and Trust Fund. A sum of $610.59, given by George P. Davenport, A.M., of the Class of 1867, of Bath, Maine, for the establishment of a loan fund. (1908)

Joseph E. Merrill Scholarships. Four thousand dollars per year, from the income of the Joseph E. Merrill, of the Class of 1854, Fund to assist needy and deserving American-born young men, preference being given to those born in the state of Maine, in securing an education at Bowdoin College. (1908)

Edward Henry Newbegin Scholarship. A fund of $1,500, given by Henry Newbegin, A.M., of the Class of 1857, to establish a scholarship in memory of his son, Rev. Edward Henry Newbegin, of the Class of 1891. To be awarded under certain conditions. (1909)

Richard Woodhull Scholarship. The sum of $10,000, given by Mrs. Mary E. W. Perry to found and maintain a scholarship to be named for her father, Rev. Richard Woodhull, of the Class of 1827, preference to be given to his descendants. (1911)

Dana Estes Scholarship. A bequest of $2,500 from Dana Estes, A.M., late of Brookline, Mass. (1911)

Edward F. Moody Scholarship. A bequest of $2,071 from Miss Inez A. Blanchard of Portland, the income to be given to one or more meritorious students for proficiency in chemistry. (1911)

Class of 1903 Scholarship. A fund of $2,508 given by the Class of 1903 on their decennial reunion, the income to be given preferably to worthy and needy descendants of members of the Class. (1913)

George Gannett Fund. A bequest of $6,000 from Mrs. George Gannett in memory of her husband, Rev. George Gannett, D.D., of the Class of 1842. (1913)

Hugh J. Chisholm Scholarship. The sum of $5,000, given by Mrs. Hugh J. Chisholm in memory of her husband. (1914)

Ephraim Chamberlain Cummings Scholarships. The sum of $3,000 given by Mrs. Ephraim C. Cummings in memory of her husband, Ephraim C. Cummings, A.M., of the Class of 1853. (1914)

Edward A. Drummond Scholarships. The sum of $5,000 from the bequest of Edward A. Drummond, the income to be given preferably to students from Bristol, Maine. (1914)

John F. Hartley Scholarship. A bequest of $15,000 from Frank Hartley, M.D., in memory of his father, John Fairfield Hartley, LL.D., of the Class of 1829, the income to be awarded to one or more students or graduates of the College intending to enter the profession of the law. Four undergraduate scholarships of $150.00 each will be awarded from this foundation unless specially voted otherwise. (1914)

Charles F. Libby Scholarship. A bequest of $3,000 from Hon. Charles F. Libby, LL.D., of the Class of 1864, the income to be given to a "deserving young man who is a resident of the city of Portland, and who has been educated in its public schools and who is pursuing a classical course." (1915)

Benjamin Apthorp Gould Fuller Scholarship. A sum of $3,800 given in memory of Benjamin Apthorp Gould Ful-

LER, A.M., of the Class of 1839, to found a scholarship in the awarding of which "preference shall be given to a student from Augusta, Maine, all things being equal." (1915)

JOHN P. HALE SCHOLARSHIP. A fund of $3,500 made up of a bequest of $2,000 from Mrs. JOHN P. HALE in memory of her husband, Hon. JOHN PARKER HALE, LL.D., of the Class of 1827, and a further bequest of $1,500 from Mrs. ELIZABETH H. JACQUES, daughter of JOHN P. HALE, the income of which shall be given to a student who "ranks in scholarship among the first two-thirds of his class. The Faculty shall select the recipient after the first two terms of his Freshman year and shall continue the income during his whole course unless he shall prove at any time unworthy of it." (1916)

CLASS OF 1896 MEMORIAL SCHOLARSHIP FUND. A fund of $2,100 given by the CLASS OF 1896 at its Twentieth Commencement. (1916)

ROLAND MARCY PECK MEMORIAL. A legacy of $1,000 from the estate of ANNA AURILLA PECK of Wilbraham, Mass., in memory of ROLAND MARCY PECK, A.M., of the Class of 1870. (1917)

HOWARD ROLLIN IVES MEMORIAL SCHOLARSHIP. A sum of $1,715 given by friends in memory of HOWARD ROLLIN IVES, of the Class of 1898. (1917)

GEORGE C. LOVELL SCHOLARSHIP. A gift of $2,500 from Mrs. GEORGE C. LOVELL of Richmond, Maine, in memory of her husband, the income to be given preferably to students from Richmond, Maine. (1917)

CLASS OF 1892 SCHOLARSHIP FUND. A sum of $1,500 given by the CLASS OF 1892 at its Twenty-fifth Commencement, the income to be used for the benefit of deserving students, preference being given to sons of members of the Class of 1892. (1917)

DENNIS MILLIKEN BANGS SCHOLARSHIP. A sum of $4,900 given by Mrs. HADASSAH J. BANGS to establish a scholarship in memory of her son, DENNIS M. BANGS, of the Class of 1891. (1917)

Sylvester B. Carter Scholarship. A sum of $2,375 bequeathed by Sylvester B. Carter, A.M., of the Class of 1866, the income of which is to be used to assist worthy and needy students whose residences are in the Commonwealth of Massachusetts. (1918)

Ellis Spear Scholarship. A fund of $10,000 bequeathed by General Ellis Spear, LL.D., of the Class of 1858. (1918)

Weston Lewis Scholarship Fund. A fund of $15,000 given by Mrs. Weston Lewis in memory of her husband, Weston Lewis, A.M., of the Class of 1872. (1919)

Stanley Plummer Scholarship. A sum of $2,000 bequeathed by Stanley Plummer, of the Class of 1867, the income to be awarded preferably to students born in Dexter, Maine. (1919)

Graduate Scholarships

Charles Carroll Everett Scholarship. Certain real estate in Brunswick, bequeathed by Miss Mildred Everett, to found a scholarship in memory of her father, Charles Carroll Everett, D.D., of the Class of 1850, the net income of which is given to that member of the graduating class of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country. (1903)

Henry W. Longfellow Graduate Scholarship. A fund of $10,000, given by the daughters of Henry W. Longfellow, of the Class of 1825,—Miss Alice M. Longfellow, Mrs. Edith L. Dana, and Mrs. Anne L. Thorp—for a graduate scholarship "that would enable a student, after graduation, to pursue graduate work in some other college, or abroad, if considered desirable; the work to be done in English, or general literature, and the field to be as large as possible—Belles Lettres in a wide sense. The student to be selected should be some one not merely proficient in some specialty, or with high marks, but with real ability in the subject and capable of profiting by the advanced work, and of developing in the best way." (1907)

Prizes

David Sewall Premium. A prize amounting to Ten Dollars is awarded annually to a member of the Freshman class for excellence in English Composition. (1795)

Class of 1868 Prize. A prize of Forty-five Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior class. (1868)

Smyth Mathematical Prize. A fund of $6,500, the gift of Henry J. Furber, of the Class of 1861, named by him in honor of Professor William Smyth. From the present income of the fund $300 is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at its discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives $100 at the time the award is made. The remaining $200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the prize for the remainder of the time. (1876)

Sewall Greek Prize. A prize of Twenty-five Dollars, given by Professor Jotham Bradbury Sewall, D.D., of the Class of 1848, formerly Professor of Greek in the College, is awarded to the member of the Sophomore class who sustains the best examination in Greek. (1879)

Sewall Latin Prize. A prize of Twenty-five Dollars, also given by Professor Sewall, is awarded to the member of the Sophomore class who sustains the best examination in Latin. (1879)

Goodwin Commencement Prize. A prize of Fifty Dollars, given by Rev. Dr. Daniel Raynes Goodwin, of the Class of 1832, is awarded each year to the author of the best Commencement Part. (1882)

Pray English Prize. A prize of Forty-five Dollars, given

by Dr. Thomas J. W. Pray, of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition. (1889)

Goodwin French Prize. A prize of Twenty-five Dollars, given by Rev. Daniel Raynes Goodwin, D.D., is awarded annually to the best scholar in French. (1890)

Noyes Political Economy Prize. This prize, consisting of the annual income of $1,000, was established by Crosby Stuart Noyes, A.M., and is awarded to the best scholar in Political Economy. (1897)

Brown Composition Prizes. Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Philip G. Brown, of the Class of 1877, in memory of Philip Henry Brown, Esq., of the Class of 1851, are offered to the Senior class for excellence in Extemporaneous English Composition. (1901)

Class of 1875 Prize in American History. This prize, consisting of the annual income of three thousand dollars, was established by William J. Curtis, LL.D., of the Class of 1875, and is awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History. (1901)

Bradbury Debating Prizes. Prizes amounting to Sixty Dollars, given by Hon. James Ware Bradbury, LL.D., of the Class of 1825, are awarded each year for excellence in debating. (1901)

Hawthorne Prize. A prize of Forty Dollars, given by Mrs. George C. Riggs, Litt.D., (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior, and Senior classes. (1903)

Alexander Prize Fund. This fund was established by Hon. DeAlva S. Alexander, LL.D., of the Class of 1870, to furnish two prizes of Twenty Dollars and Ten Dollars for excellence in select declamation. Competition is open to Freshmen, Sophomores, and Juniors. (1905)

Philo Sherman Bennett Prize Fund. This fund was established by Hon. William J. Bryan from trust funds of the estate of the late Philo Sherman Bennett, of New Haven, Connecticut, the proceeds to be used for a prize for the best essay discussing the principles of free government. Competition is open to Juniors and Seniors. (1905)

Almon Goodwin Prize Fund. This fund of $1,000 was established by Mrs. Maud Wilder Goodwin, in memory of her husband, Almon Goodwin, of the Class of 1862. The annual income is awarded to a Phi Beta Kappa man to be chosen by vote of the Trustees of the College at the end of the recipient's Junior year. (1906)

Hiland Lockwood Fairbanks Prize Fund. This fund of $2,000 was established by Captain Henry N. Fairbanks, of Bangor, in memory of his son, Hiland Lockwood Fairbanks, of the Class of 1895. One-half of the annual income is awarded for excellence in Debating and Advanced Public Speaking (English 5, 6); one-fourth is awarded as two prizes for excellence in declamation (English 4) during the second Semester; and the remaining fourth is left at the disposal of the English Department for the promotion of interest in public speaking. (1909)

Col. William Henry Owen Premium. A sum of $500 given by Frederick Wooster Owen, M.D., in memory of his brother Col. William Henry Owen, A.M., of the Class of 1851, the income of which, in the form of a twenty dollar gold piece, to be awarded at Commencement "to some graduating student recognized by his fellows as a humble, earnest, and active Christian." (1916)

Stanley Plummer Prize. This prize, consisting of the annual income of a fund of $1,000, established by Stanley Plummer, of the Class of 1867, is awarded "for excellence in original and spoken composition in the English language on the part of the members of the Junior Class." (1919)

Physical Training

The Gymnasium and General Thomas Worcester Hyde Athletic Building together form one of the largest and best adapted equipments for physical training in the country.

The Gymnasium has a frontage of 80 feet and a depth of 140 feet. On the first floor are the lockers, dressing rooms, managers' and instructors' rooms, and rooms for boxing, fencing, and hand-ball. On the second floor is the main exercising room 112 feet by 76 feet, a smaller exercising room, a trophy room, and offices.

The building is equipped with the most approved apparatus, is heated and lighted by modern methods, and is supplied with a ventilating system able to change the air throughout the building every twenty minutes.

The General Thomas Worcester Hyde Athletic Building is connected with the Gymnasium. It has an earth floor 160 feet by 120 feet, and a one-twelfth mile running track ten feet wide. In this building are set off spaces 120 feet by 40 feet for track athletics and 120 feet by 120 feet for a full sized baseball diamond with space to over-run the bases by nearly fifteen feet.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted in all respects for baseball, football, and track athletics.

The Art Collections

The art treasures of the College,—except the portraits and busts in Memorial Hall and the mural paintings in the Chapel,—are exhibited in the Walker Art Building. This building was designed by Messrs. McKim, Mead, and White and erected by

the Misses Mary Sophia and Harriet Sarah Walker of Waltham, Massachusetts, as a memorial of their uncle, Theophilus Wheeler Walker.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis, of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Original classical marbles: busts, and work in low-relief; bronze and plaster fac-simile casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the College by Honorable James Bowdoin, and a series of portraits of the presidents and of the distinguished benefactors of the College. The Boyd Gallery contains, mainly, the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, a collection of Japanese and Chinese works of art, collected and formerly owned by the late Professor William A. Houghton, A.M., a collection of objects of Oriental Art given by David S. Cowles, Esq., the Virginia Dox collection of objects of native American art, a collection of original Classical Antiquities from Mycenaean to Roman times given by Mr. Edward P. Warren, and

collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Hon. Harold M. Sewall, Mr. Dana Estes, and other friends of the College. The Sophia Wheeler Walker Gallery contains exclusively works of art given by the Misses Walker, being chiefly specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker.

From time to time the collections receive valuable loan exhibits. This year there are on exhibition seven of Winslow Homer's best water colors, loaned from his studio at Prout's Neck by Mrs. Charles S. Homer.

In the basement are two lecture rooms and a room of Assyrian sculpture. The new lecture room is decorated by a loan collection of marbles, bronzes, paintings, etchings, porcelains, and large framed photographs, placed here by Mrs. White in memory of her husband, Percival W. White and son, Richard F. White, of the Class of 1912.

The Library

The Library contains about 120,000 volumes and several thousand unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811; the library of the Bowdoin Medical School, established in 1820; and the extensive collections of the Peucinian and Athenæan Societies, added in 1880.

Special collections worthy of note are the Longfellow collection, containing the largest amount of Longfellow material to be found in any one place; the Huguenot collection; the German Dialect collection; the Abbott collection; and the Maine collection,—each in its line being probably the largest in the country.

The Library is strong in sets of periodicals collected during the past century, and about two hundred titles are currently re-

ceived by subscription. The printed catalogue cards of the Library of Congress are received as issued, and this bibliographical collection of increasing value and serviceableness may be consulted by any investigator. Though no formal instruction in bibliography is given, the librarian and his assistants are always ready to lend personal aid to inquirers.

During term time, the Library is open week-days from 8.30 A.M. to 5.30 P.M., and from 6.45 to 9.45 P.M., and Sundays from 2.00 to 4.50 P.M. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks.

Annual accessions, which average two thousand five hundred volumes, are made to the Library by means of an appropriation of the Boards for the purpose, and from a part of the proceeds of the following library funds.

HAKLUYT LIBRARY FUND. This fund of $1,100 was established in 1875 by ROBERT WATERSTON.

SIBLEY LIBRARY FUND. This fund, now amounting to $6,958, was established in 1881 by JONATHAN LANGDON SIBLEY, A.M., Librarian of Harvard College, and is for the purchase of books relating to American history.

PATTEN LIBRARY FUND. A fund of $500 given in 1882 by Capt. JOHN PATTEN, of Bath, Maine.

SHERMAN LIBRARY FUND. This fund of $1,177 was established in 1882 by Mrs. JOHN C. DODGE, of Cambridge, Mass., in memory of her brothers, JOSEPH SHERMAN, LL.D., of the Class of 1826, and THOMAS SHERMAN, M.D., of the Medical Class of 1828. Its proceeds are given to current literature.

AYER LIBRARY FUND. This fund of $1,000 was established by the Athenæan Society in 1887 from a bequest of Hon. SAMUEL HAZEN AYER, of the Class of 1839.

BOND LIBRARY FUND. This fund, amounting to $7,082, was given by Rev. ELIAS BOND, D.D., of the Class of 1837. From its income are purchased books relating to religion and ethics.

PACKARD LIBRARY FUND. This fund, based upon receipts

from certain publications of the library, is devoted to the purchase of books relating to the State of Maine as a memorial of Professor Alpheus Spring Packard, D.D., of the Class of 1816.

Wood Library Fund. This fund of $1,000 was given in 1890 by Dr. Robert W. Wood, of Cambridge, Mass., of the Medical Class of 1832. From its proceeds are purchased books on sociology.

George S. Bowdoin Library Fund. This fund of $1,020, given in 1895 by the gentleman whose name it bears, is devoted to the maintenance of a collection of books relating to the Huguenots.

Joseph Walker Fund. This fund, now amounting to $5,248, was given in 1896 by the Trustees under the will of the late Joseph Walker of Portland. Its proceeds, in accordance with a vote of the Boards, are applied to the general uses of the library.

Philip Henry Brown Library Fund. This fund of $2,000, the income of which is devoted to the purchase of books on rhetoric and literature, was given in 1901 by the executor of the estate of Captain John Clifford Brown in fulfillment of the latter's desire to establish a memorial of his father, Philip Henry Brown, Esq., of the Class of 1851.

Cutler Library Fund. A fund of $1,000 given in 1902 by Hon. John L. Cutler, of the Class of 1837.

Drummond Library Fund. This fund of $3,000 is a memorial of the Rev. James Drummond, of the Class of 1836, and was given in 1907 by his widow and his daughter, Mrs. Charles F. Dole, of Boston, Mass.

Class of 1877 Library Fund. This fund of $1,013 is a class contribution, made for the most part in 1908.

Class of 1882 Library Fund. This fund of $2,300 was given by the Class of 1882 as its contribution to the permanent funds of the College in 1908.

Class of 1890 Library Fund. This fund of $1,000 is a class contribution, made in 1908.

Class of 1901 Library Fund. This fund of $713 is a class contribution, made in 1908.

Hubbard Library Fund. This fund, now amounting to $70,684, was established in 1908 by General Thomas Hamlin Hubbard, LL.D., of the Class of 1857. Its income is used primarily for the upkeep of Hubbard Hall,—the library building.

Fiske Library Fund. This fund of $1,000 was established by the will of Rev. John Orr Fiske, D.D., of the Class of 1837. Its income became available in 1910.

William A. Packard Library Fund. This fund of $5,000 was established in 1910 by the will of Professor William Alfred Packard, Ph.D., D.D., of the Class of 1851. Its income is used "preferably for the purchase of such books as illustrate the Greek and Latin languages and literatures."

Appleton Library Fund. This fund of $10,000 was given in 1916 by Hon. Frederick Hunt Appleton, LL.D., of the Class of 1864, in memory of his father, Hon. John Appleton, LL.D., Chief Justice of Maine, of the Class of 1822. Its income is for the "general uses of the College Library."

Lynde Library Fund. This fund of $1,651 was established in 1918, by the will of George S. Lynde, of New York, in memory of Frank J. Lynde, of the Class of 1877.

Class of 1875 Library Fund. This fund of $1,500 was established in 1918 by the Class of 1875. Its income is used for the "purchase of books relating to American History, in its broadest sense."

Summary

Name (with Date of Foundation)		Donor or Source	Amount
General Fund		Several persons	$1,477
Hakluyt	(1875)	Robert Waterston	1,100
Jonathan L. Sibley	(1881)	Jonathan L. Sibley	6,958
John Patten	(1882)	John Patten	500
Joseph Sherman, '26, and Thomas Sherman, '28	(1882)	Mrs. John C. Dodge	1,177
Samuel H. Ayer, '39	(1887)	Athenæan Society	1,000
Elias Bond, '37	(1889)	Elias Bond, '37	7,082

Alpheus S. Packard, '16	(1890)	Sale of Publications	500
Robert W. Wood, '32	(1890)	Robert W. Wood, '32	1,000
George S. Bowdoin	(1895)	George S. Bowdoin	1,020
Joseph Walker	(1896)	Joseph Walker	5,248
Philip Henry Brown, '51	(1901)	John Clifford Brown	2,000
John L. Cutler, '37	(1902)	John L. Cutler, '37	1,000
James Drummond, 36	(1907)	Mrs. Drummond and daughter	3,000
Class of 1877	(1908)	Class of 1877	1,013
Class of 1882	(1908)	Class of 1882	2,300
Class of 1890	(1908)	Class of 1890	1,000
Class of 1901	(1908)	Class of 1901	713
Thomas H. Hubbard, '57	(1908)	Thomas H. Hubbard, '57	70,684
John O. Fiske, '37	(1910)	John O. Fiske, '37	1,000
William A. Packard, '51	(1910)	William A. Packard, '51	5,000
John Appleton, '22	(1916)	Frederick H. Appleton, '64	10,000
Frank J. Lynde, '77	(1918)	George S. Lynde	1,651
Class of 1875	(1918)	Class of 1875	1,500
		Total	$127,923

BOWDOIN MEDICAL SCHOOL

NOTE

The Catalogue of the Medical School is not reprinted here this year. The names of the Medical Faculty and students are printed in their usual places in the first part of this Catalogue. For other information reference is made to the Annual Catalogue of the Medical School issued in July, 1919, which may be obtained on application to the Dean of the School.

ALUMNI ASSOCIATIONS

Alumni Associations

THE GENERAL ASSOCIATION

President, Charles Taylor Hawes, A.M.; *Vice President,* Alpheus Sanford, A.B.; *Secretary and Treasurer,* Gerald Gardner Wilder, A.B., Brunswick, Me.

ALUMNI COUNCIL

Term expires in 1920.

Alfred Benson White, LL.B.; Leonard Augustus Pierce, I.L.B.; Robert Hale, A.B.; George Rowland Walker, LL.B.

Term expires in 1921.

Arthur Glenwood Staples, A.B.; Henry Hill Pierce, LL.B.; William Witherle Lawrence, Ph.D., Litt.D.; Leon Valentine Walker, LL.B., *Secretary;* Charles Taylor Hawes, A.M., *President, from the Boards;* Wilmot Brookings Mitchell, A.M.; *from the Faculty.*

Term expires in 1922.

Edward Farrington Abbott, A.B.; Frank Lyman Bass, A.B., LL.B.; Ralph Owen Brewster, A.B., LL.B.; Harold Lee Berry, A.B.

ASSOCIATION OF ANDROSCOGGIN COUNTY

President, George Curtis Webber, A.B.; *Secretary,* George Allen Bower, A.B., 69 Western Promenade, Auburn, Me.

ASSOCIATION OF AROOSTOOK COUNTY

Secretary, Aaron Albert Putnam, LL.B., Houlton, Me.

BOWDOIN CLUB OF BANGOR

President, Edgar Myrick Simpson, A.B.; *Secretary,* Frank Lyman Bass, LL.B., 82 Third St.

ASSOCIATION OF BOSTON

President, Henry Smith Chapman, A.B.; *Secretary,* James Forbush Hamburger, A.B., 136 Federal St.

BOWDOIN CLUB OF BOSTON

President, Ripley Lyman Dana, A.B., LL.B.; *Secretary,* Albert Trowbridge Gould, A.B., LL.B., 60 Federal St.

ASSOCIATION OF CHICAGO

President, Warren Rufus Smith, Ph.D.; *Secretary,* Homer Ralph Blodgett, A.B., 1704 West 100th St.

KENNEBEC ALUMNI ASSOCIATION

President, Henry Woodbury Cobb, A.B., *Secretary,* George Herbert Macomber, A.B., Augusta, Me.

ASSOCIATION OF NEW YORK

President, Harvey Dow Gibson, LL.D.; *Secretary,* George Rowland Walker, LL.B., 59 Wall St.

ASSOCIATION OF THE NORTHWEST

Secretary, John Oliver Patten Wheelwright, A.M., 311 Nicollet Ave., Minneapolis, Minn.

ASSOCIATION OF OXFORD COUNTY

President, Hon. Addison Emery Herrick, A.M.; *Secretary,* Dura Bradford Andrews, A.B., Rumford, Me.

ASSOCIATION OF PHILADELPHIA

President, Walter Lyman Sanborn, A.B.; *Secretary,* John Henry Halford, Bridgeport, Penn.

ASSOCIATION OF PORTLAND

President, Eben Winthrop Freeman, A.M., LL.B.; *Secretary,* Harrison Carter Chapman, A.B., 10 Clifford St.

BOWDOIN CLUB OF PORTLAND

President, George Foster Cary, A.B.; *Secretary,* Dwight Harold Sayward, A.B., 549 Masonic Bldg.

ASSOCIATION OF PROVIDENCE, R. I.

President, Murray Snell Danforth, M.D.; *Secretary,* Raymond White Hathaway, 79 Westminster St.

ASSOCIATION OF WASHINGTON

President, Hon. John Andrew Peters, A.M.; *Recording Secretary,* Woodbury Pulsifer, A.M., M.D.; *Corresponding Secretary,* Charles Harris Hastings, A.B., Library of Congress, Washington, D. C.

WESTERN ALUMNI ASSOCIATION

President, George Franklin Libby, M.D.; *Secretary,* George Stillman Berry, A.M., 327 Kittredge Building, Denver, Col.

ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

Communications should be addressed to the College Librarian.

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